

Management's Discussion and Analysis of Financial Condition and Results of Operations dated December 1, 2021

The following discussion and analysis should be read in conjunction with the condensed interim consolidated financial statements of Tecsys Inc. (the "Company") and Notes thereto, which are included in this document, and the annual report for the year ended April 30, 2021. The Company's second quarter of fiscal year 2022 ended on October 31, 2021. Additional information about the Company, including copies of the continuous disclosure materials such as the annual information form and the management proxy circular are available through the SEDAR Website at http://www.sedar.com.

The accompanying unaudited condensed interim consolidated financial statements of the Company have been prepared by and are the responsibility of the Company's management.

This document and the condensed interim consolidated financial statements are expressed in Canadian dollars unless it is otherwise indicated. The Company and its subsidiaries functional currency is the Canadian dollar with the exception of Danish subsidiaries (Danish kroner).

Forward-Looking Information

This management's discussion and analysis contains "forward-looking information" within the meaning of applicable securities legislation. Although the forward-looking information is based on what the Company believes are reasonable assumptions, current expectations, and estimates, investors are cautioned from placing undue reliance on this information since actual results may vary from the forward-looking information. Forward-looking information may be identified by the use of forward-looking terminology such as "believe", "intend", "may", "will", "expect", "estimate", "anticipate", "continue" or similar terms, variations of those terms or the negative of those terms, and the use of the conditional tense as well as similar expressions.

Such forward-looking information that is not historical fact, including statements based on management's belief and assumptions, cannot be considered as guarantees of future performance. They are subject to a number of risks and uncertainties, including but not limited to future economic conditions, the markets that the Company serves, the actions of competitors, major new technological trends, and other factors, many of which are beyond the Company's control, that could cause actual results to differ materially from those that are disclosed in or implied by such forward-looking information. The Company undertakes no obligation to update publicly any forward-looking information whether as a result of new information, future events or otherwise other than as required by applicable legislation. Important risk factors that may affect these expectations include, but are not limited to, the factors described under the section "Risks and Uncertainties" in the Company's annual consolidated financial statements for the year ended April 30, 2021.

Actual results and developments are likely to differ, and may differ materially, from those expressed or implied by the forward-looking statements contained in this management discussion and analysis. Such statements are based on a number of assumptions which may prove to be incorrect, including, but not limited to, assumptions about: (i) competitive environment; (ii) operating risks; (iii) the Company's management and employees; (iv) capital investment by the Company's customers; (v) customer project implementations; (vi) liquidity; (vii) current global financial conditions; (viii) implementation of the Company's commercial strategic plan; (ix) credit; (x) potential product liabilities and other lawsuits to which the Company may be subject; (xi) additional financing and dilution; (xii) market liquidity of the Company's common shares; (xiii) development of new products; (xiv) intellectual property and other proprietary rights; (xv) acquisition and expansion; (xvi) foreign currency; (xvii) interest rates; (xviii) technology and regulatory changes; (xix) internal information technology infrastructure and applications, (xx) cyber security and (xxi) expected impact of COVID-19 on the Company's future operations and performance.

Use of non-IFRS Performance Measures

The Company uses certain non-IFRS financial performance measures in its MD&A and other communications which is described in the "Non-IFRS Performance Measures" section of this MD&A. The non-IFRS measures do not have any standardized meaning prescribed by IFRS and may not be comparable to similarly titled measures reported by other companies. Readers are cautioned that the disclosure of these metrics is meant to add to, and not to replace, the discussion of financial results determined in accordance with IFRS. Management uses both IFRS and non-IFRS measures when planning, monitoring and evaluating the Company's performance.

Overview

Tecsys is a global provider of SaaS supply chain solutions that equip the borderless enterprise for growth. Spanning multiple complex, regulated and high-volume distribution industries, Tecsys delivers dynamic and powerful solutions for warehouse management, distribution and transportation management, supply management at point of use, retail order management, as well as financial management and analytics solutions.

Customers running on Tecsys' supply chain platform are confident knowing they can execute, day in and day out, regardless of business fluctuations or changes in technology. As their businesses grow more complex, organizations operating a Tecsys platform can adapt and scale to business needs or size, expand and collaborate with customers, suppliers and partners as one borderless enterprise, and transform their supply chains at the speed that their growth demands. From demand planning to demand fulfillment, Tecsys puts power into the hands of both front-line workers and back-office planners, helping business leaders operate sustainable and scalable logistics so they may focus on the future of their products, services and people, not on their operational challenges.

Customers around the world trust their supply chains to Tecsys in the healthcare, service parts, third-party logistics, retail and general wholesale high- volume distribution industries. Tecsys is the market leader in North America for supply chain solutions for health systems and hospitals.

The Company has five principal sources of revenue:

- software as a service (SaaS) subscriptions which represent the right to access our software platform in a hosted and managed environment for a period of time; these subscriptions are typically sold in three to five year term agreements with auto-renewal provisions;
- maintenance and support services sold with perpetual licenses and hardware maintenance services; these services are typically sold in annual agreements with auto-renewal provisions;
- professional services, including implementation, consulting and training services provided to customers as well as reimbursable expenses;
- licenses: and
- hardware.

Starting in 2019, the Company shifted its business model and began selling its solutions primarily on a SaaS subscription basis. As such, Tecsys expects SaaS revenue to continue to grow over time. Revenue from maintenance and support services relate in a large part to our prior business model of selling perpetual licenses with attached maintenance and support fees. The Company expects maintenance and support services revenue to generally decline over time as new customers acquire SaaS subscriptions and existing customers eventually migrate to SaaS.

In the three and six months ended October 31, 2021, we generated \$34.3 million and \$67.5 million in total revenue, respectively. The revenue mix for the three months ended October 31, 2021 was: SaaS 19%; maintenance and support 24%; professional services 38%; license 3%; and hardware 16%. The revenue mix for the six months ended October 31, 2021 was: SaaS 18%; maintenance and support 24%; professional services 39%; license 2%; and hardware 17%.

Key Performance Indicators

The Company uses certain key performance indicators in its MD&A and other communications which are described in the following section. These key performance indicators do not have any standardized meaning prescribed by IFRS and therefore may not be comparable to similarly titled indicators reported by other companies and cannot be reconciled to a directly comparable IFRS measure. Readers are cautioned that the disclosure of these metrics are meant to add to, and not to replace, the discussion of financial results determined in accordance with IFRS. Management uses both IFRS measures and key performance indicators when planning, monitoring and evaluating the Company's performance.

Recurring Revenue

Recurring revenue (also referred to as Annual Recurring Revenue (ARR)) is defined as the contractually committed purchase of SaaS, proprietary software maintenance, and customer support services over the next twelve months. The quantification assumes that the customer will renew the contractual commitment on a periodic basis as they come up for renewal. This portion of the Company's revenue is predictable and stable.

Bookings

Broadly speaking, bookings refers to the total value of accepted contracts. This includes SaaS ARR bookings (the average annual value of committed SaaS recurring revenue at the time of contract signing), professional services bookings and perpetual license bookings. The Company believes that these metrics are primary indicators of business performance.

Backlog

Backlog in general refers to the value of contracted revenue that is not yet recognized. Our backlog reporting focuses on (a) Annual Recurring Revenue and (b) Professional Services Backlog.

The Company also focuses on contracted SaaS backlog as a key performance indicator. The Company enters into SaaS subscription agreements that are typically multi-year performance obligations with original contract terms of three to five years. Contracted SaaS backlog represents revenue that we expect to recognize in the future related to firm performance obligations that are unsatisfied (or partially unsatisfied) at the reporting date. This is also known as Remaining Performance Obligation (RPO) and, unlike ARR which has a one-year time horizon, it includes multiple years of contracted SaaS subscriptions.

Results of Operations for the Second Quarter of Fiscal 2022

The following table presents a summary of the results of operations:

atement of Operations evenue ost of revenue ross profit perating expenses ofit from operations et finance costs ofit before income taxes come taxes	Three month October		Six months October	
(in thousands of CAD, except earnings per share)	2021	2020	2021	2020
Statement of Operations				
Revenue	\$ 34,269	\$ 30,694	\$ 67,501	\$ 58,785
Cost of revenue	18,751	14,684	37,554	29,285
Gross profit	15,518	16,010	29,947	29,500
Operating expenses	13,891	12,558	27,232	24,080
Profit from operations	1,627	3,452	2,715	5,420
Net finance costs	128	131	243	129
Profit before income taxes	\$ 1,499	\$ 3,321	\$ 2,472	\$ 5,291
Income taxes	791	1,235	1,520	1,970
Profit	\$ 708	\$ 2,086	\$ 952	\$ 3,321
Adjusted EBITDA ¹	\$ 3,206	\$ 4,830	\$ 5,662	\$ 8,339

¹ Refer to section below "Non-IFRS Performance Measures" for definition.

		Six months October			
2021	2020	2021	2020		
\$ 0.05	\$ 0.14	\$ 0.07	\$ 0.23		
		,	\$ 0.23 \$ 50,873		
	October 2021	\$ 0.05 \$ 0.14 \$ 0.05 \$ 0.14	October 31, October 2021 2021 2020 2021 \$ 0.05 \$ 0.14 \$ 0.07 \$ 0.05 \$ 0.14 \$ 0.06		

Non-IFRS Performance Measures

The terms and definitions of the non-IFRS measures used in this MD&A are provided below. These non-IFRS measures do not have any standardized meanings prescribed by IFRS and may not be comparable to similar measures presented by other companies. Accordingly, they should not be considered in isolation.

EBITDA and Adjusted EBITDA

EBITDA is calculated as earnings before interest expense, interest income, income taxes, depreciation and amortization. Adjusted EBITDA is calculated as EBITDA before stock-based compensation. The Company believes that these measures are commonly used by investors and analysts to measure a company's performance, its ability to service debt and to meet other payment obligations, or as a common valuation measurement. The reconciliation of EBITDA and Adjusted EBITDA to the most directly comparable IFRS measure is provided below:

	Three O	mont ctobe			Si	x mont Octob		
(in thousands of CAD)	2021		2	020	2	021	2	2020
Profit for the period	\$7	708	\$	2,086	9	952	\$	3,321
Adjustments for:								
Depreciation of property and equipment and right-of-use assets	į	553		526		1,096		1,059
Amortization of deferred development costs		69		58		123		161
Amortization of other intangible assets	4	111		426		822		834
Interest expense		45		195		306		471
Interest income	(40)		(63)		(80)		(113)
Income taxes	-	791		1,235		1,520		1,970
EBITDA	\$ 2,6	37	\$	4,463	9	4,739	\$	7,703
Adjustments for:								
Stock based compensation	Į	69		367		923		636
Adjusted EBITDA	\$ 3,2	206	\$	4,830		5,662	\$	8,339

Constant currency

Financial results at constant currency allow results to be viewed without the impact of fluctuations in foreign currency exchange rates, thereby facilitating period-to-period comparisons in the analysis of trends in business performance. Financial results at constant currency are obtained by translating prior period results denominated in U.S. dollars at the foreign exchange rates of the current period. Current period foreign exchange rates used in the constant currency translation include the impact of designated U.S. dollar revenue hedges.

² Refer to section "Key Performance Indicators" for definition.

Revenue

The Company has changed the presentation of revenue in the Condensed Interim Consolidated Statements of Income and Comprehensive (loss) income as of the beginning of the current fiscal year. As a result of the change, comparative figures have been reclassified to conform with the basis of presentation used in the current year. Refer to Note 15 - Comparative information of the Condensed Interim Consolidated Financial Statements.

Total Revenue for the three and six months ended October 31, 2021 increased to \$34.3 million and \$67.5 million, respectively, an increase of \$3.6 million or 12% and \$8.7 million or 15% compared to the same periods of fiscal 2021. Revenue is broken down as follows:

	7	hree mon Octob	 	2021 to 2020	Six mont Octob	 	2021 to 2020
(in thousands of CAD)		2021	2020	%	2021	2020	%
SaaS	\$	6,565	\$ 5,120	28%	\$ 12,218	\$ 8,964	36%
Maintenance and Support		8,200	8,312	-1%	16,526	16,721	-1%
Professional Services		13,076	11,829	11%	26,202	23,041	14%
License		982	1,988	-51%	1,333	2,705	-51%
Hardware		5,446	3,445	58%	11,222	7,354	53%
_		34,269	30,694	12%	67,501	58,785	15%

Approximately 65% (2021-65%) of the Company's revenues were generated in U.S. dollars during the second quarter of fiscal 2022. The U.S. dollar averaged CA\$1.2570 in the second quarter of fiscal 2022 in comparison to CA\$1.3220 in the same period of fiscal 2021. The decline in the value of the U.S. dollar more than offset the Company's partial hedging of U.S. revenue giving rise to a net unfavorable foreign currency related revenue variance of \$2.0 million in comparison to the second quarter of fiscal 2021.

For the six-months ended October 31, 2021 approximately 66% (2021-65%) of the Company's revenues were generated in U.S. dollars. The U.S. dollar averaged CA\$1.2431 in the first six months of fiscal 2022 and CA\$1.3445 in the first six months of fiscal 2021. The decline in the value of the U.S. dollar more than offset the Company's partial hedging of U.S. revenue giving rise to a net unfavorable foreign currency related revenue variance of \$4.3 million in comparison to the first six months of fiscal 2021.

On a constant currency basis (using fiscal 2022 currency rates), second quarter and first half of fiscal 2022 revenue grew by approximately 18% and 21%, respectively, compared to the same periods of fiscal 2021. The unfavorable foreign currency movement impacted all revenue lines.

Total ARR on October 31, 2021 was \$56.9 million, up 12% compared to \$50.9 million on October 31, 2020. A significant amount of ARR is denominated in currencies other than Canadian Dollars. As a result, movements in exchange rates will have an impact on ARR. On a constant currency basis, ARR increased 18% during the twelve months ended October 31, 2021. ARR was up 6% sequentially compared to the first quarter of fiscal 2022 and up 7% on a constant currency basis.

SaaS revenue

The Company generates revenue from proprietary software under a Software as a Service (SaaS) model. SaaS subscriptions represent the right to access our software platform in a hosted and managed environment for a period of time. The Company enters into SaaS subscription agreements that are typically multi-year performance obligations with original contract terms of three to five years.

SaaS revenue in the second quarter of fiscal 2022 was \$6.6 million, up 28% or \$1.4 million compared to the second quarter of fiscal 2021 and up \$0.9 million sequentially compared to the first quarter of fiscal 2022. The increase is due to new SaaS revenue from bookings³ in recent quarters, net cancellations impacting the quarter and foreign

³ Refer to section "Key Performance Indicators" for definition

exchange, as a significant portion of the Company's SaaS fees are denominated in U.S. dollars. SaaS revenue for the six months ended October 31, 2021 was \$12.2 million, up 36% or \$3.3 million compared to the same period in fiscal 2021. On a constant currency basis, second quarter and first half fiscal 2022 SaaS revenue grew by approximately 36% and 45%, respectively, compared to the same periods of fiscal 2021.

In the second quarter of fiscal 2022, SaaS subscription bookings (measured on an ARR basis) were \$4.0 million, up 50% compared to \$2.7 million in the second quarter of fiscal 2021. In the first six months of fiscal 2022 and fiscal 2021, SaaS subscription bookings were consistent at \$5.1 million. The Company has historically seen some lumpiness in quarterly deal closings, and the Company expects this to continue.

On October 31, 2021, SaaS backlog⁴ was \$72.7 million, up 21% from \$60.2 million at the same time last year. A significant amount of SaaS backlog is denominated in currencies other than Canadian Dollars. As a result, movements in exchange rates will impact reported SaaS backlog. On a constant currency basis, SaaS backlog increased 28% during the twelve months ended October 31, 2021. SaaS backlog was up 12% sequentially compared to the first quarter of fiscal 2021 and up 13% on a constant currency basis.

Maintenance and support revenue

Maintenance and support revenue derives largely from the Company's legacy perpetual license installed base. The Company enters into maintenance and support contracts that typically have an original term of one year and are subject to annual renewal. Maintenance and support revenue for the three and six months ended October 31, 2021 was \$8.2 million and \$16.6 million, both down 1% compared to the same periods in fiscal 2021. The decrease was the result of the negative impact of foreign exchange as a significant portion of the Company's maintenance and support revenue is denominated in U.S. dollars. On a constant currency basis, second quarter and first half of fiscal 2022 maintenance and support revenue grew by approximately 4% and 5%, respectively, compared to same periods of fiscal 2021.

Professional services revenue

Professional services revenue includes fees for implementation, consulting and training services provided to customers, as well as reimbursable expenses. Professional services revenue for the three months ended October 31, 2021 was \$13.1 million, up 11% compared to \$11.8 million during the same period last year. For the six months ended October 31, 2021, professional services revenue was \$26.2 million, up 14% compared to \$23.0 million during the same period in the prior year. Again, negative foreign exchange impact reduced reported professional services revenue growth as a significant portion of the Company's professional services revenue is denominated in U.S. dollars. On a constant currency basis, second quarter and first half of fiscal 2022 professional services revenue grew by approximately 17% and 21%, respectively, compared to the same periods of fiscal 2021. In the second quarter of fiscal 2022, Professional Services bookings were \$17.9 million, up 56% compared to \$11.5 million in the second quarter of fiscal 2021. In the first six months of fiscal 2022 Professional services bookings were \$32.4 million, up 26% compared to \$25.6 million in the first six months of fiscal 2021. Professional services bookings are in part linked to SaaS subscription bookings and license bookings and are subject to timing.

License revenue

License revenue is defined as internally developed products including proprietary software as well as third-party software. In the three months ended October 31, 2021, license revenue amounted to \$1.0 million, down 51% from \$2.0 million in the same period last year. For the six months ended October 31, 2021, license revenue was \$1.3 million, down 51% compared to \$2.7 million during the same period in fiscal 2021. Perpetual license bookings in the three and six months ended October 31, 2021 were \$1.0 million and \$1.3 million, respectively, compared to \$1.9 million and \$2.4 million during the same periods in fiscal 2021. We expect license revenue to generally decline over time because of the shift to SaaS.

Hardware revenue

Hardware revenue includes third-party hardware products and proprietary technology products. Hardware revenue for the three months ended October 31, 2021 was \$5.4 million, up 58% from \$3.4 million in the same period last year. For the six months ended October 31, 2021, hardware revenue was \$11.2 million, up 53% from

⁴ Refer to section "Key Performance Indicators" for definition.

\$7.4 million during the same period in fiscal 2021. The increase in hardware revenue has been the result of a strong hardware order backlog coming into the current fiscal year.

Cost of Revenue and Gross Profit

	Т	hree moi Octok			2021 to 2020		Six montl Octob			2021 to 2020
(in thousands of CAD)		2021		2020	%		2021		2020	%
Cost of revenue:										
SaaS, Maintenance, Support and										
Professional Services	\$	14,324	\$	11,839	21%	\$	28,682	\$	23,198	24%
License and Hardware		4,427		2,845	56%		8,872		6,087	46%
Total cost of revenue		18,751		14,684	28%		37,554		29,285	28%
Gross profit & gross profit margin:										
SaaS, Maintenance, Support and										
Professional Services gross profit	\$	13,517	\$	13,422	1%	\$	26,264	\$	25,528	3%
Gross profit margin		49%		53%			48%		52%	
License and Hardware gross profit	\$	2,001	\$	2,588	-23%	\$	3,683	\$	3,972	-7%
Gross profit margin	•	31%	•	48%		•	29%	•	39%	
Total gross profit	\$	15,518	\$	16,010	-3%	\$	29,947	\$	29,500	2%
Total gross profit margin		45%		52%			44%		50%	

Total cost of revenue for the three and six months ended October 31, 2021 increased to \$18.8 million and \$37.6 million, respectively, an increase of 28% for both periods. The increase is driven by both higher SaaS, Maintenance, Support and Professional Services costs and higher License and Hardware costs.

In the three and six months ended October 31, 2021, the cost of SaaS, Maintenance, Support and Professional Services increased to \$14.3 million and \$28.7 million, up \$2.5 million and \$5.5 million compared to the same periods last year. Cost of SaaS, Maintenance, Support and Professional Services increased primarily as a result of direct costs associated with higher revenue, including higher employee costs and higher public cloud infrastructure costs. The cost of SaaS, Maintenance, Support and Professional Services includes tax credits of \$0.6 million for the second quarter of fiscal 2022 and fiscal 2021, and \$1.3 million for the first six months of fiscal 2022 compared to \$1.2 million for the first six months of fiscal 2021.

The cost of License and Hardware increased to \$4.4 million in the second quarter of fiscal 2022, up \$1.6 million or 56% in comparison to the same period in fiscal 2021. The increase was driven by increased costs related to the sale of third-party products, primarily hardware. The cost of License and Hardware increased to \$8.9 million in the first six months of fiscal 2022, up \$2.8 million or 46% compared to the same period last year and driven by higher third-party product costs associated with higher revenue.

Gross profit was \$15.5 million, down \$0.5 million in the second quarter of fiscal 2022 compared to the same period last year. This is mainly attributable to lower License and Hardware margin resulting from lower License revenue. In the first six months of fiscal 2022 gross profit increased to \$29.9 million, up \$0.4 million compared to the same period in fiscal 2021. This is mainly due to higher SaaS, Maintenance, Support and Professional Services margin of \$0.7 million, partially offset by lower License and Hardware margin of \$0.3 million. Again, the lower License and Hardware margin was driven by lower license revenue and this is consistent with the shift to SaaS.

As a percentage of revenue, total gross profit margin for the three months ended October 31, 2021 was 45%

compared to 52% for the same period last year. For the six months ended October 31, 2021, total gross profit margin was 44% compared to 50% for the same period in fiscal 2021. The overall gross profit margin decline was the result of unfavorable foreign exchange, investment to support growth and change in revenue mix.

Operating Expenses

	Th	ree mon Octob	-		2021 to 2020	Six mont Octob	 	2021 to 2020
(in thousands of CAD)		2021		2020	%	2021	2020	%
Sales and marketing expenses As a percentage of Revenue	\$	6,022 18%	\$	5,265 17%	14%	\$ 11,704 17%	\$ 10,262 17%	14%
General and administration expenses		2,801		2,895	-3%	5,660	5,321	6%
As a percentage of Revenue		8%		9%		8%	9%	
Research and development								
expenses, net of tax credits		5,068		4,398	15%	9,868	8,497	16%
As a percentage of Revenue		15%		14%		15%	14%	
Total operating expenses		13,891		12,558	11%	27,232	24,080	13%
As a percentage of revenue		41%		41%		40%	41%	

Total operating expenses for the three and six months ended October 31, 2021 increased to \$13.9 million and \$27.2 million, respectively, increases of \$1.3 million and \$3.2 million, respectively, compared to the same periods in fiscal 2021. The weaker U.S dollar during the second quarter of fiscal 2022 gave rise to a favorable impact of \$0.5 million when compared to the same period last year. For the first six months of fiscal 2022, the weaker U.S dollar had a favorable impact of \$1.3 million when compared to the same period last year.

Sales and marketing expenses

During the second quarter of fiscal 2022, sales and marketing expenses amounted to \$6.0 million, \$0.8 million higher than the comparable quarter last year. The increase is mainly attributed to higher personnel costs. During the first six months of fiscal 2022, sales and marketing expenses amounted to \$11.7 million, \$1.4 million higher than the comparable period last year. The increase is also attributed to higher personnel costs and is the result of our continued investment to expand sales capacity and coverage.

General and administrative expenses

General and administrative expenses for the three months ended October 31, 2022 were \$2.8 million, a decrease of \$0.1 million compared to the same period in fiscal 2021. The decrease is attributed to lower personnel costs, partially offset by higher stock-based compensation costs.

General and administrative expenses for the six months ended October 31, 2022 were \$5.7 million, an increase of \$0.3 million compared to the same period in fiscal 2021. The increase is attributed to higher non-recurring professional fees and stock-based compensation costs, partially offset by lower personnel costs.

Net R&D expenses

Net R&D expenses for three and six months ended October 31, 2021 were \$5.1 million and \$9.9 million, respectively, up \$0.7 million and \$1.4 million, respectively, from the same periods last year. The increases were primarily the result of higher personnel costs and consulting costs.

The Company recorded R&D tax credits and e-business tax credits of \$0.6 million, and amortized deferred development costs and other intangible assets of \$0.1 million during the second quarter of fiscal 2022 and 2021. Additionally, during the three months ended October 31, 2021 the company deferred \$0.2 million of development

costs compared to \$0.1 million in the same period of last year.

For the six months ended October 31, 2021 the Company recorded R&D tax credits and e-business tax credits of \$1.2 million compared to \$1.1 million for the same period in fiscal 2021. Amortized development costs and other intangible assets during the first six months of fiscal 2022 was \$0.1 million in comparison to \$0.2 million for the same period in the prior fiscal year. Additionally, during the six months ended October 31, 2021 the Company deferred development costs of \$0.7 million compared to \$0.2 million in the same period of 2021.

Net Finance Costs and Income Taxes

	Т	hree mo Octo	 s ended 31,	2021 to 2020	1	Six mon Octol	 	2021 to 2020
(in thousands of CAD)		2021	2020	%		2021	2020	%
Net Finance Costs	\$	128	\$ 131	-2%	\$	243	\$ 129	88%
Income Taxes	\$	791	\$ 1,235	-36%	\$	1,520	\$ 1,970	-23%
Income Taxes as a percentage of profit before income taxes		53%	37%			61%	37%	

Net finance costs for the three months ended October 31, 2021 were \$0.1 million, consistent with the same quarter last year. For the first six months of fiscal 2022, net finance costs were \$0.2 million, up from \$0.1 million in the same period last year. Net finance costs in the three and six months ended October 31, 2021 consisted primarily of interest expense on long-term debt and lease obligations and foreign exchange losses, partially offset by interest income.

Income tax expenses for the three and six months ended October 31, 2021 were \$0.8 million and \$1.5 million compared to \$1.2 million and \$2.0 million for the same periods of 2021. As a percentage of profit before taxes, income tax expense was 53% and 61% for the three and six months ended October 31, 2021, compared to 37% for the same periods in fiscal 2021. The higher effective tax rate in the three months and six months ended October 31, 2021 results from pre-tax losses at a subsidiary for which the company does not have offsetting deferred tax assets.

Profit

	T	hree mon Octob		2021 to 2020	Six mont Octob	 	2021 to 2020
(in thousands of CAD)		2021	2020	%	2021	2020	%
Profit	\$	708	\$ 2,086	-66%	\$ 952	\$ 3,321	-71%
Adjusted EBITDA	\$	3,206	\$ 4,830	-34%	\$ 5,662	\$ 8,339	-32%
Basic earnings per share	\$	0.05	\$ 0.14		\$ 0.07	\$ 0.23	
Diluted earnings per share	\$	0.05	\$ 0.14		\$ 0.06	\$ 0.23	

Profit, Adjusted EBITDA and earnings per share were all negatively impacted by unfavorable foreign exchange movements compared to the same periods in the prior year. Approximately 65% of the Company's revenue is denominated in US dollars while a significant majority of the Company's costs are denominated in Canadian dollars. As such, foreign exchange movements can have a material impact on reported Profit, Adjusted EBITDA and earnings per share. During the three and six months ended October 31, 2021, unfavorable foreign exchange movements had a negative impact on Profit and Adjusted EBITDA of approximately \$1.5 million and \$3.0 million, respectively, compared to the same periods last year.

Quarterly Selected Financial

The following table summarized selected results for the eight most recently completed quarters to October 31, 2021:

	FY 20	022		FY 2	2021	FY 2	020	
(in thousands of CAD, except earnings per share)	Q2	Q1	Q4	Q3	Q2	Q1	Q4	Q3
Total revenue	34,269	33,232	32,374	31,942	30,694	28,091	27,750	26,847
Profit	708	244	2,020	1,847	2,086	1,235	375	834
Comprehensive income (loss)	489	(147)	1,088	1,527	1,486	2,897	1,200	818
Adjusted EBITDA ⁵	3,206	2,456	3,917	3,964	4,830	3,509	1,951	2,648
Basic earnings per common share	0.05	0.02	0.14	0.13	0.14	0.09	0.03	0.06
Diluted earnings per common share	0.05	0.02	0.14	0.12	0.14	0.08	0.03	0.06

Total quarterly revenue has consistently trended upward during the past eight quarters, primarily due to an increase in revenue from SaaS and professional services driven by increased bookings and following the Company's transition to SaaS during the end of fiscal 2019. Improvements in Profit and Adjusted EBITDA is generally attributed to revenue growth and operating leverage during fiscal 2021. During fiscal 2022, the impact of foreign exchange as well as additional investment in delivery capacity, sales and marketing and research and development have moderated Profit and Adjusted EBITDA.

Liquidity and Capital Resources

On October 31, 2021, current assets totaled \$74.7 million compared to \$75.8 million at the end of fiscal 2021. Cash and cash equivalents and short-term investments decreased to \$38.1 million compared to \$45.9 million at the end of fiscal 2021. The decrease is primarily due to changes in non-cash working capital items related to operations and in particular reduction in accounts payable and accrued liabilities and increase in accounts receivable and work in progress during the first half of fiscal 2022.

Accounts receivable and work in progress totaled \$21.5 million on October 31, 2021, an increase of \$4.5 million compared to \$17.0 million as of April 30, 2021. The increase is mainly attributed to higher revenue and timing of cash collections. The Company's Days Sales Outstanding (DSO) stood at 56 days at the end of October 31, 2021 compared to 47 at the end of fiscal 2021 and 73 days at the end of October 31, 2020. DSO is a measure of the average number of days that a company takes to collect revenue after a sale. The Company's DSO is determined on a quarterly basis and can be calculated by dividing the total of accounts receivable and work in progress at the end of a quarter by the total value of sales during the same quarter and multiplying the result by 90 days.

Current liabilities on October 31, 2021 totaled \$42.7 million compared to \$44.0 million at the end of fiscal 2021. The decrease is mainly due to a decrease in accounts payable and accrued liabilities, partially offset by higher deferred revenues.

Working capital increased to \$32.0 million as of October 31, 2021 in comparison to \$31.8 million at the end of fiscal year 2021.

Cash from Operating Activities

Operating activities generated \$0.6 million of cash in the second quarter of fiscal 2022 in comparison to \$0.4 million used in operating activities in the second quarter of fiscal 2021. Operating activities excluding changes in non-cash working capital items related to operations generated \$2.4 million in the second quarter of fiscal 2022 compared to \$4.1 million in the second quarter of fiscal 2021.

⁵ Refer to section "Non-IFRS Performance Measures" for definition, as well as for the reconciliation of Adjusted EBITDA for the three months ended October 31, 2021 and 2020. The reconciliation of Adjusted EBITDA in the other periods presented can be found in the "Reconciliation of non-IFRS Performance Measures" sections of the first quarter of fiscal 2022 MD&A, the third quarter of fiscal 2021 MD&A, and the annual fiscal 2021 MD&A, all of which are available on the SEDAR Website at http://www.sedar.com, and are incorporated herein by reference.

Operating activities used \$4.4 million of cash in the first six months of fiscal 2022 in comparison to using \$0.7 million in the same period of fiscal 2021. Operating activities excluding changes in non-cash working capital items related to operations generated \$5.7 million in the first six months of fiscal 2022 compared to \$6.8 million in the same period of fiscal 2021.

Non-cash working capital items used funds of \$1.8 million for the second quarter of fiscal 2022 primarily due to increases of work in progress, prepaids and tax credits of \$2.6 million, partially offset by a net increase in deferred revenue and accounts payable and accrued liabilities of \$1.3 million. Non-cash working capital items used funds of \$10.1 million for the first six months of fiscal 2022 primarily due to increases of accounts receivable, work in progress, prepaids and tax credits of \$7.3 million and a net decrease in accounts payable and accrued liabilities and deferred revenue of \$2.7 million.

Non-cash working capital items used funds of \$4.6 million for the second quarter of fiscal 2021 primarily due to increases of accounts receivable and tax credits of \$6.9 million partially offset by an increase in accounts payable and accrued liabilities and deferred revenue of \$2.5 million. Non-cash working capital items used funds of \$7.5 million for the first six months of fiscal 2021 primarily due to increases of accounts receivable, work in progress, prepaids and tax credits of \$7.8 million partially offset by a net increase in accounts payable and accrued liabilities and deferred revenue of \$0.7 million.

The Company believes that funds on hand at October 31, 2021 combined with cash flow from operations and its accessibility to banking facilities will be sufficient to meet its covenants and its needs for working capital, R&D, capital expenditures, and dividends, as well as to invest in long-term growth.

Financing Activities

Cash flows used in financing activities amounted to \$1.5 million for the second quarter of fiscal 2022 in comparison to \$4.6 million for the second quarter of fiscal 2021. Financing activities in the second quarter of fiscal 2022 related primarily to the repayment of long-term debt, lease obligations and payment of dividends as well as issuance of common shares on exercise of stock options.

Cash flows used in financing activities amounted to \$2.2 million for the first six months of fiscal 2022 in comparison to \$5.3 million for the same period of fiscal 2021. Financing activities in the first six months of fiscal 2022 related primarily to the repayment of long-term debt, lease obligations and payment of dividends as well as issuance of common shares on exercise of stock options. Financing activities in the first six months of fiscal 2021 included a one-time payment of an acquired tax liability.

Investing Activities

During the second quarter of both fiscal 2022 and 2021 investing activities used funds of \$0.5 million.

During the second quarter of fiscal 2022, the Company used funds of \$0.3 million for the acquisition of property and equipment and intangible assets compared to \$0.5 million in the second quarter of fiscal 2021.

In the second quarter of fiscal 2022, the Company invested in its proprietary software products with the capitalization of \$0.2 million reflected as deferred development costs compared to \$0.1 million in the second quarter of fiscal 2021.

During the first six months of fiscal 2022 investing activities used funds of \$1.2 million in comparison to \$11.1 million for the same period in fiscal 2021. During the first six months of fiscal 2021, the company invested \$10.0 million in a guaranteed investment certificate (GIC). The GIC has a 31-day withdrawal notice requirement, and the interest is automatically reinvested monthly.

During the first six months of fiscal 2022, the Company used funds of \$0.6 million for the acquisition of property and equipment and intangible assets compared to \$1.0 million for the same period of fiscal 2021.

In the first six months of fiscal 2022, the Company invested in its proprietary software products with the capitalization of \$0.7 million reflected as deferred development costs compared to \$0.2 million for the same period of fiscal 2021.

Related Party Transactions

Under the provisions of the executive share purchase plan for key management and other management employees, the Company provided interest-free loans to key management and other management employees of \$0.3 million during the first six months of fiscal 2022 (\$0.5 million for the same period of fiscal 2021) to facilitate their purchase of the Company's common shares. As of October 31, 2021, loans outstanding amounted to \$0.4 million (April 30, 2021 -\$0.4 million).

Subsequent Events

On December 1, 2021, the Company's Board of Directors declared a quarterly dividend of \$0.07 per share to be paid on January 7, 2022 to shareholders of record on December 16, 2021.

Current and Anticipated Impacts of Current Economic Conditions

Current overall economic conditions together with market uncertainty and volatility may have an adverse impact on the demand for the Company's products and services as industry may adjust quickly to exercise caution on capital spending. This uncertainty may impact the Company's revenue.

Based on ARR of \$56.9 million and Professional services backlog of \$33.1 million, the Company's management believes that quarterly services revenue (including SaaS, maintenance and support and professional services revenue) ranging between \$27.0 million and \$28.0 million per quarter can be sustained in the short term.

Strategically, the Company continues to focus its efforts on the most likely opportunities within its existing vertical markets and customer base. The Company also currently offers subscription-based licensing, hosting services, modular sales and implementations and enhanced payment terms to promote revenue growth. We see continued market appetite for subscription-based SaaS licensing. To the extent our bookings continue to shift from perpetual license to SaaS, and considering that license revenue is typically recognized up front while SaaS revenue is recognized over the contract period, revenue and operating profit will be impacted in the medium term and this could be material.

The exchange rate of the U.S. dollar in comparison to the Canadian dollar continues to be an important factor affecting revenues and profitability as the Company generally derives approximately 60% to 70% of its business from U.S. customers while the majority of its cost base is in Canadian dollars.

The Company will continue to adjust its business model to ensure that costs are aligned to its revenue expectations and economic reality to the extent possible.

The Company believes that funds on hand together with anticipated cash flows from operations, and its accessibility to the operating line of credit will be sufficient to meet its operating needs. The Company can further manage its capital structure by adjusting its dividend policy.

Outstanding Share Data

As at December 1, 2021, the Company has 14,562,895 common shares outstanding.

Critical Accounting Policies

The Company's critical accounting policies are those that it believes are the most important in determining its financial condition and results. A summary of the Company's significant accounting policies, including the critical accounting policies discussed below, is set out in the notes to the consolidated financial statements and the financial statements for the year ended April 30, 2021.

The preparation of financial data is based on accounting principles and practices consistent with those used in the preparation of the audited annual consolidated financial statements as at April 30, 2021.

Critical accounting judgements and key sources of estimation uncertainty

The preparation of the condensed interim consolidated financial statements in accordance with IFRS requires management to make estimates, assumptions, and judgments that affect the application of accounting policies

and the reported amounts of assets and liabilities, disclosures of contingent assets and liabilities and recognized amounts of revenue and expenses. Actual results may differ from these estimates.

Reported amounts and note disclosures reflect the overall economic conditions that are most likely to occur and the anticipated measures that management intends to take. Actual results may differ from those estimates. Estimates and underlying assumptions are reviewed on an ongoing basis. Revisions to accounting estimates are recognized in the period in which the estimate is revised if the revision affects only that period, or in the period of revision and future periods if the revision affects both current and future periods.

There have been no significant changes in the key sources of estimation uncertainty and judgements made in relation to the accounting policies applied to those disclosed in the Company's annual consolidated financial statements for the year ended April 30, 2021.

New standards and interpretations not yet adopted:

A number of new standards, interpretations and amendments to existing standards were issued by the IASB that are not yet effective for the period ended October 31, 2021 and have not been applied in preparing these condensed interim consolidated financial statements. The following amendment is currently being assessed by the Company.

IAS 12, Income Taxes:

In May 2021, the IASB issued Deferred Tax Related to Assets and Liabilities Arising from a Single Transaction (Amendments to IAS 12) that clarifies how companies account for deferred tax on transactions such as leases and decommissioning obligations. The main change is an exemption from the initial recognition exemption, so that it does not apply to transactions that give rise to both deductible and taxable temporary differences on initial recognition. This will result in the recognition of equal deferred tax assets and liabilities. The amendments to IAS 12 are effective for annual reporting periods beginning on or after January 1, 2023, therefore the effective date for the Company is May 1, 2023. Earlier application is permitted. The Company is currently assessing the impact of the amendments.

Disclosure Controls and Procedures

Disclosure controls and procedures are designed to provide reasonable assurance that material information is gathered and reported to senior management on a timely basis so that appropriate decisions can be made regarding public disclosure. The Company's Chief Executive Officer (CEO) and its Chief Financial Officer (CFO) are responsible for establishing and maintaining disclosure controls and procedures regarding the communication of information. They are assisted in this responsibility by the Company's Executive Committee, which is composed of members of senior management. Based on the evaluation of the Company's disclosure controls and procedures, the Chief Executive Officer and Chief Financial Officer have concluded that these disclosure controls and procedures were effective as of October 31, 2021.

Internal Control over Financial Reporting

The Company's management is responsible for establishing and maintaining adequate internal control over financial reporting ("ICFR") to provide reasonable assurance regarding the reliability of the Company's financial reporting and its compliance with IFRS in its consolidated financial statements. The control framework that was designed by the Company's ICFR is in accordance with the framework criteria established in Internal Control – Integrated Framework issued by the Committee of Sponsoring Organizations of the Treadway Commission (2013) (COSO).

No changes to internal controls over financial reporting have come to management's attention during the three-month period ending on October 31, 2021 that have materially affected or are reasonably likely to materially affect internal controls over financial reporting.

Condensed Interim Consolidated Financial Statements (Unaudited)

TECSYS INC.

For the three and six-month periods ended October 31, 2021 and 2020

MANAGEMENT'S COMMENTS ON THE UNAUDITED CONDENSED INTERIM CONSOLIDATED FINANCIAL STATEMENTS FOR THE THREE AND SIX MONTH PERIODS ENDED OCTOBER 31, 2021 and 2020

NOTICE OF NO AUDITOR REVIEW OF INTERIM FINANCIAL STATEMENTS

The accompanying unaudited condensed interim consolidated financial statements of the Company have been prepared by and are the responsibility of the Company's Management.

The Company's independent auditors, KPMG LLP, have not performed a review of these financial statements in accordance with standards established by the Chartered Professional Accountants of Canada for a review of interim financial statements by an entity's auditors.

Dated this 1st day of December 2021.

Condensed Interim Consolidated Statements of Financial Position

As at October 31, 2021 and April 30, 2021

(Unaudited)

(in thousands of Canadian dollars)

	Note	Octobe	r 31, 2021	Apri	l 30, 2021
Assets					
Current assets					
Cash and cash equivalents		\$	17,978	\$	25,752
Short-term investments	3		20,155		20,100
Accounts receivable			19,487		16,840
Work in progress			1,999		182
Other receivables			962		2,034
Tax credits			7,645		5,359
Inventory			688		628
Prepaid expenses			5,802		4,897
Total current assets			74,716		75,792
Non-current assets					
Other long-term receivables			213		303
Tax credits			4,171		3,904
Property and equipment			2,567		2,682
Right-of-use assets	4		6,775		7,245
Contract acquisition costs	5		2,776		2,678
Deferred development costs			1,646		1,088
Other intangible assets			11,185		12,194
Goodwill			17,207		17,417
Deferred tax assets			6,006		6,006
Total non-current assets			52,546		53,517
Total assets		\$	127,262	\$	129,309
Liabilities					
Current liabilities					
Accounts payable and accrued liabilities		\$	16,196	\$	19,417
Deferred revenue			23,963		22,044
Current portion of long-term debt	6		1,200		1,216
Other current liabilities			500		500
Lease obligations	7		812		848
Total current liabilities			42,671		44,025
Non-current liabilities					
Long-term debt	6		7,800		8,400
Deferred tax liabilities			1,452		1,499
Lease obligations	7		7,853		8,295
Total non-current liabilities			17,105		18,194
Total liabilities			59,776		62,219
Equity					
Share capital	8		43,973		42,700
Contributed surplus			12,415		11,745
Retained earnings			11,482		12,419
Accumulated other comprehensive (loss) income	12		(384)		226
Total equity attributable to the owners of the Company			67,486		67,090
Total liabilities and equity		\$	127,262	\$	129,309

See accompanying notes to the unaudited condensed interim consolidated financial statements

Condensed Interim Consolidated Statements of Income and Comprehensive Income

For the three and six-month periods ended October 31, 2021 and 2020 (Unaudited)

(in thousands of Canadian dollars, except per share data)

Note	•	October	led	hree months ended October 31, 2020	Six months ended October 31, 2021		Six months ended October 31, 2020
Revenue:							
SaaS 15		\$ 6,	565	\$ 5,120 \$	12,218	\$	8,964
Maintenance and Support 15		8,	200	8,312	16,526		16,721
Professional Services 15		13,	076	11,829	26,202		23,041
License 15			982	1,988	1,333		2,705
Hardware 15		5,	446	3,445	11,222		7,354
Total revenue		34,	269	30,694	67,501		58,785
Cost of revenue 10,15		18,	751	14,684	37,554		29,285
Gross profit			518	16,010	29,947		29,500
Operating expenses:							
Sales and marketing		6,	022	5,265	11,704		10,262
General and administration		2,	801	2,895	5,660		5,321
Research and development, net of tax credits		5,	068	4,398	9,868		8,497
Total operating expenses		13,	891	12,558	27,232		24,080
Profit from operations		1,	627	3,452	2,715		5,420
Net finance costs 11			128	131	243		129
Profit before income taxes		1,	499	3,321	2,472		5,291
Income tax expense			791	1,235	1,520		1,970
Net profit, attributable to the owners of the Company	\$		708	\$ 2,086 \$	952	\$	3,321
Other comprehensive income: Effective portion of changes in fair value on designated revenue Hedges 12 Exchange differences on translation of foreign operations 12			:33	(455) (145)	(125) (485)		654 408
Comprehensive income attributable to the owners of the Company	9	\$	489	\$ 1,486	\$ 342	\$	4,383
Basic earnings per common share 8	¢		.05	\$ 0.14	0.07	¢	0.23
3 1	\$						0.23
Diluted earnings per common share 8	\$	· (.05	\$ 0.14	0.06	\$	0.23

See accompanying notes to the unaudited condensed interim consolidated financial statements $\label{eq:condensed}$

Condensed Interim Consolidated Statements of Cash Flows

For the three and six-month periods ended October 31, 2021 and 2020 (Unaudited)

(in thousands of Canadian dollars)

	Note	Three months ended October 31, 2021	Three months ended October 31, 2020	Six months ended October 31, 2021	Six months ended October 31, 2020
				-	
Cash flows from operating activities:					
Net profit for the period		\$ 708	\$ 2,086	\$ 952	\$ 3,321
Adjustments for:					
Depreciation of property and equipment and right-of-use-ass	ets	553	526	1,096	1,059
Amortization of deferred development costs		69	58	123	161
Amortization of other intangible assets		411	426	822	834
Net finance costs	11	128	131	243	129
Unrealized foreign exchange and other		(333)	(233)	928	(472)
Non-refundable tax credits		(366)	(361)	(732)	(670)
Stock-based compensation	8	569	367	923	636
Income taxes		680	1,120	1,373	1,844
Net cash from operating activities excluding changes in non-c	ash				
working capital items related to operations	.0311	2,419	4,120	5,728	6,842
working capital terms related to operations					
Accounts receivable		(223)	(6,038)	(2,715)	(4,963)
Work in progress		(1,275)	(234)	(1,822)	(541)
Other receivables		106	138	72	(78)
Tax credits		(911)	(903)	(1,821)	(1,658)
Inventory		(53)	(61)	(65)	(20)
Prepaid expenses		(443)	183	(908)	(606)
Contract acquisition costs		(226)	(154)	(98)	(349)
Accounts payable and accrued liabilities		(750)	902	(4,683)	(2,908)
Deferred revenue		2,000	1,609	1,941	3,578
Changes in non-cash working capital items related to operation	ons	(1,775)	(4,558)	(10,099)	(7,545)
-					
Net cash from (used in) operating activities		644	(438)	(4,371)	(703)
Cash flows from financing activities:					
Repayment of long-term debt		(304)	(300)	(616)	(600)
Payment of lease obligations	7	(224)	(234)	(455)	(487)
Payment of dividends		(1,889)	(1,730)	(1,889)	(1,730)
Payment of acquired tax liability	16	-	(2,191)	-	(2,191)
Common shares issued on exercise of stock options		1,020	36	1,020	36
Interest paid		(145)	(151)	(306)	(319)
Net cash used in financing activities		(1,542)	(4,570)	(2,246)	(5,291)
Cash flows from investing activities:					
Purchase of short-term investments					(10,000)
Interest received	11	40	63	80	113
Acquisitions of property and equipment	11	(304)	(454)	(534)	(503)
Acquisitions of property and equipment Acquisitions of other intangible assets		(304)	(16)	(22)	(503)
Deferred development costs		(195)	(54)	(681)	(160)
Net cash used in investing activities		(466)	(461)	(1,157)	(11,071)
Net decrease in cash and cash equivalents during the period		(1,364)	(5,469)	(7,774)	(17,065)
Cash and cash equivalents - beginning of period		19,342	15,932	25,752	27,528
Cash and cash equivalents - beginning of period Cash and cash equivalents - end of period		17,978	\$ 10,463		
Cash and Cash equivalents - end of period		17,978	\$ 1U,403	17,978	\$ 10,463

See accompanying notes to the unaudited condensed interim consolidated financial statements

Condensed Interim Consolidated Statements of Changes in Equity For the six-month periods ended October 31, 2021 and 2020

(Unaudited)

(in thousands of Canadian dollars, except number of shares)

	Share capital			_		Accumulated					
_	Note	Number		Amount	Co	ntributed surplus	other com- prehensive ncome (loss)		Retained earnings		Total
Balance, April 30, 2021		14,505,095		42,700		11,745	226		12,419		67,090
Net profit		-		-			-		952		952
Other comprehensive loss for the period: Effective portion of changes in fair value on designated revenue hedges	12	-		-		-	(125)		-		(125)
Exchange difference											
on translation of foreign operations		-		-		-	(485)		-		(485)
Total comprehensive (loss)							(610)		0.53		242
income for the period Stock-based	8					-	(610)		952		342
Compensation	Ü	-		-		923	-		-		923
Dividends to equity owners	8	-		-		-	-		(1,889)		(1,889)
Share Options exercised	8	57,800		1,273		(253)	_		_		1,020
Total transactions with owners of the Company		57,800		1,273		670	-		(1,889)		54
Balance, October 31, 2021		14,562,895	\$	43,973	\$	12,415	\$ (384)	\$	11,482	\$	67,486
Balance, April 30, 2020		14,416,543	\$	40,901	\$	10,964	\$ 416	\$	8,838	\$	61,119
Net profit		_		-		-			3,321		3,321
Other comprehensive income for the period:											
Effective portion of changes in fair value on designated											
revenue hedges		-		-		-	654		-		654
Exchange difference on translation of foreign operations		_		-		-	408		-		408
Total comprehensive											
income for the period		-		-		-	1,062		3,321		4,383
Stock-based Compensation		-		-		636	-		-		636
Dividends to equity owners		-		-		-	 -		(1,730)		(1,730)
Share options exercised	1	2,500		59		(23)					36
Total transactions with owners of the Company		2,500		59		613	-		(1,730)		(1,058)
Balance, October 31, 2020		14,419,043	\$	40,960	\$	11,577	\$ 1,478	\$	10,429	\$	64,444

Notes to the Condensed Interim Consolidated Financial Statements For the three and six-month periods ended October 31, 2021 and 2020 (in thousands of Canadian dollars, except per share data)

1. Description of business:

Tecsys Inc. (the "Company") was incorporated under the Canada Business Corporations Act in 1983. The Company's principal business activity is the development, marketing and sale of enterprise-wide supply chain management software for distribution, warehousing, transportation logistics, point-of-use and order management. The Company sells its software primarily on a subscription basis as Software as a Service and also on a perpetual license basis with recurring support. The Company also provides related consulting, education and support services. The Company is headquartered at 1, Place Alexis Nihon, Montréal, Canada, and derives substantially all of its revenue from customers located in the United States, Canada and Europe. The Company's customers consist primarily of healthcare systems, services parts, third-party logistics, retail and general wholesale high volume distribution industries. The condensed interim consolidated financial statements comprise the Company and its wholly-owned subsidiaries. The Company is a publicly listed entity and its shares are traded on the Toronto Stock Exchange under the symbol TCS.

2. Basis of preparation:

(a) Statement of compliance:

The Company's unaudited condensed interim consolidated financial statements and the notes thereto have been prepared in accordance with International Accounting Standards ("IAS") 34, Interim Financial Reporting as issued by the International Accounting Standards Board ("IASB"). They do not include all the information required in the full annual financial statements. Certain information and footnote disclosures normally included in annual financial statements were omitted or condensed where such information is not considered material to the understanding of the Company's interim financial information. As such, they should be read in conjunction with the consolidated financial statements of the Company as at and for the year ended April 30, 2021.

The unaudited condensed interim consolidated financial statements were authorized for issue by the Board of Directors on December 1, 2021.

The preparation of financial data is based on accounting principles and practices consistent with those used in the preparation of the audited annual consolidated financial statements as at April 30, 2021.

The Company has changed the presentation of revenue in the Condensed Interim Consolidated Statements of Income and Comprehensive Income for the three and six months ended October 31, 2021. As a result of the change, comparative figures have been reclassified to conform with the basis of presentation used in the current year. Refer to Note 15 - Comparative information.

(b) Functional and presentation currency:

The unaudited condensed interim consolidated financial statements are presented in Canadian dollars, which is the functional currency of the Company. All financial information presented in Canadian dollars has been rounded to the nearest thousand (\$000) except when otherwise indicated.

New standards and interpretations not yet adopted:

A number of new standards, interpretations and amendments to existing standards were issued by the IASB that are not yet effective for the period ended October 31, 2021 and have not been applied in preparing these condensed interim consolidated financial statements. The following amendment is currently being assessed by the Company:

IAS 12, Income Taxes:

In May 2021, the IASB issued Deferred Tax Related to Assets and Liabilities Arising from a Single Transaction (Amendments to IAS 12) that clarifies how companies account for deferred tax on transactions such as leases and decommissioning obligations. The main change is an exemption from the initial recognition exemption, so that it does not apply to transactions that give rise to both deductible and taxable temporary differences on initial recognition. This will result in the recognition of equal deferred tax assets and liabilities.

Notes to the Condensed Interim Consolidated Financial Statements For the three and six-month periods ended October 31, 2021 and 2020 (in thousands of Canadian dollars, except per share data)

2. Basis of preparation (continued):

New standards and interpretations not yet adopted (continued):

The amendments to IAS 12 are effective for annual reporting periods beginning on or after January 1, 2023, therefore the effective date for the Company is May 1, 2023. Earlier application is permitted. The Company is currently assessing the impact of the amendment.

3. Short-term investments:

Reginning halance	October 31, 2021	Арі	ril 30, 2021
Beginning balance Additions	\$ 20,100		10,000 10,000
Interest on short-term investments	55	;	100
Ending balance	\$ 20,155	\$	20,100

The GIC's have a 31-day withdrawal notice requirement, and the interest is automatically reinvested monthly.

4. Right-of-use assets:

	Offices	Data centers	Vehicles and equipment	Total
Balance, April 30, 2021	\$ 7,058	\$ 30	\$ 157	\$ 7,245
Depreciation	(376)	(30)	(42)	(448)
Effect of foreign currency exchange differences	(22)	-		(22)
Balance, October 31, 2021	\$ 6,660	\$ -	\$ 115	\$ 6,775

Notes to the Condensed Interim Consolidated Financial Statements For the three and six-month periods ended October 31, 2021 and 2020 (in thousands of Canadian dollars, except per share data)

5. Contract acquisition costs:

The following table presents changes in contract acquisition costs:

	October 31, 2021		April 30, 202	
Balance, beginning of the period	\$	4,202	\$	3,087
Additions	'	1,042		2,44
Amortization		(796)		(1,326
Balance, end of the period	\$	4,448	\$	4,20
Presented as:				
Current portion	\$	1,672	\$	1,52
Non-current				
Contract acquisition costs	\$	2,776	\$	2,67

The current portion of contract acquisition costs is included in Prepaid expenses in the Condensed interim Consolidated Statements of Financial Position.

6. Banking facilities and long-term debt:

On January 30, 2019, the Company entered into a Credit Agreement. The Credit Agreement includes a Term Facility of up to \$12,000 and a Revolving Facility of \$5,000. The Term Facility was used for the purchase of Tecsys A/S and for general corporate purposes. The Revolving Facility is for general corporate purposes. As at October 31, 2021, the Company had outstanding \$9,000 under the Term Facility (the "Term Loan") (April 30, 2021 - \$9,600). The Revolving Facility was undrawn as of October 31, 2021 and April 30, 2021.

Canadian Dollar borrowings under the Credit Agreement are made in the form of Prime Rate Loans (bearing interest at prime plus 0.75%-1.75% per annum) or Banker's Acceptances (bearing interest at base plus 1.75% - 2.75% per annum). The Company may repay outstanding amounts under the Credit Agreement at any time.

Security under the credit agreement consists of a first-ranking movable hypothec on the Company's corporeal and incorporeal, present and future movable property.

The current Credit Agreement requires the Company to maintain a Fixed Charge Coverage Ratio of not less than 1.20: 1.0 and a Net Debt to Bank EBITDA ratio not greater than 2.50: 1.0. On October 31, 2021, the Company was in compliance with all its financial covenants.

The remaining term loan is payable in quarterly installments of \$300 until January 2024, with the balance payable on that same date.

Notes to the Condensed Interim Consolidated Financial Statements For the three and six-month periods ended October 31, 2021 and 2020 (in thousands of Canadian dollars, except per share data)

6. Banking facilities and long-term debt (continued):

	October 3	31, 2021	April 3	0, 2021
Term loan, secured by hypothec on movable properties	\$	9,000	\$	9,600
Government funded debt, with no interest or security, payable over various instalments		_		16
	\$	9,000	\$	9,616
Current portion		(1,200)		(1,216)
Long-term debt	\$	7,800	\$	8,400

7. Lease obligations:

The Company's leases are for office space, data centers, vehicles and equipment. Most of these leases do not contain renewal options. The range of renewal options for those that have such options are between 5 to 10 years. The Company has included renewal options in the measurement of lease obligations when it is reasonably certain to exercise the renewal option. The following table presents lease obligations for the Company:

	October 31, 2021	April 30, 2021
Current	\$ 812	\$ 848
Non-current	7,853	8,295
Total lease obligations	\$ 8,665	\$ 9,143

The following table presents the contractual undiscounted cash flows for lease obligations as at October 31, 2021:

\$ 1,027 5,491 3,792
3,792
·

Interest expense on lease obligations for the three and six months ended October 31, 2021 was \$82 and \$166 (\$91 and \$184 for the same periods of fiscal 2021). Total cash outflow was \$306 and \$621 for the three and six months ended October 31, 2021 (\$325 and \$671 for the same periods of fiscal 2021), including \$224 and \$455 of principal payments on lease obligations (\$234 and \$487 for the same periods of fiscal 2021). The expense relating to variable lease payments not included in the measurement of lease obligations was \$264 and \$533 for the three and six months ended October 31, 2021 (\$316 and \$588 for the same periods of fiscal 2021). This consists of variable lease payments for operating costs, property taxes and insurance.

Notes to the Condensed Interim Consolidated Financial Statements For the three and six-month periods ended October 31, 2021 and 2020 (in thousands of Canadian dollars, except per share data)

7. Lease obligations (continued):

Expenses relating to short-term leases not included in the measurement of lease obligations for the three and six months ended October 31, 2021 was \$29 and \$60 (\$54 and \$185 for the same period of fiscal 2021). Expenses relating to leases of low value assets was \$43 and \$79 for the three and six months ended October 31, 2021 (\$46 and \$99 for the same period of fiscal 2021). There were no additions on lease obligations during the three and six months ended October 31, 2021 and October 31, 2020.

8. Share capital and Stock option plan:

(a) Dividend policy:

The Company maintains a quarterly dividend policy. The declaration and payment of dividends is at the discretion of the Board of Directors, which will consider earnings, capital requirements, financial conditions and other such factors as the Board of Directors, in its sole discretion, deems relevant.

On June 29, 2021, the Company declared a dividend of \$0.065 per share, paid on August 6, 2021 to shareholders of record on July 16, 2021.

On September 9, 2021, the Company declared a dividend of \$0.065 per share, paid on October 8, 2021 to shareholders of record on September 24, 2021.

(b) Earnings per share:

The calculation of basic earnings per share is based on the profit attributable to common shareholders and the weighted average number of common shares outstanding. The calculation of diluted earnings per share is based on the profit attributable to common shareholders and the weighted average number of common shares outstanding after adjustment for the effects of all dilutive common shares.

Basic and diluted earnings per share are calculated as follows:

		Three ns Ended 31, 2021	 Three ths Ended r 31, 2020		Six s Ended 31, 2021		Six hs Ended 31, 2020
Profit attributable to common shareholders	\$	708	\$ 2,086	\$	952	\$	3,321
Weighted average number of common shares outstanding (basic)	14	,534,623	14,417,603	14	,512,538	1	4,416,858
Dilutive impact of assumed exercise of stock options		440,762	305,971		393,522		266,281
Weighted average number of common shares outstanding (diluted)	14	,975,385	14,723,574	14	,906,060	1	4,683,139
Basic earnings per common share	\$	0.05	\$ 0.14	\$	0.07	\$	0.23
Diluted earnings per common share	\$	0.05	\$ 0.14	\$	0.06	\$	0.23

As at October 31, 2021, 2,000 options were excluded from the three and six months weighted average number of diluted common shares as their effect would have been anti-dilutive (140,116 and 150,124 for the comparative period of fiscal 2021).

Notes to the Condensed Interim Consolidated Financial Statements For the three and six-month periods ended October 31, 2021 and 2020 (in thousands of Canadian dollars, except per share data)

8. Share capital and Stock option plan (continued):

(c) Stock option plan:

The Company has a stock option plan under which stock options may be granted to certain employees and directors. Under the terms of the plan, the Company may grant options up to 10% of its issued and outstanding shares. The stock option plan is administered by the Board of Directors who may determine, in accordance with the terms of the plan, the terms relating to each option, including the extent to which each option is exercisable during the term of the options.

The exercise price is generally determined based on the weighted average trading price of the Company's common shares for the 5 days prior to the date the Board of Directors grants the option.

The movement in outstanding stock options for the six months ended October 31, 2021 is as follows:

	Number of options	Weighted average exercise price
Outstanding at April 30, 2021	709,086	\$ 18.02
Granted	166,472	40.34
Exercised	(57,800)	17.66
Forfeited	(11,092)	18.97
Outstanding at October 31, 2021	806,666	\$ 22.64

The following table outlines the outstanding stock options of the Company as at October 31, 2021:

	Fair value per option	Remaining contractual life in years	Number of options currently exercisable	Exercise price	Outstanding options
Granted on September 6, 2018	\$ 4.42	1.84	66,675	\$ 17.23	108,900
Granted on July 3, 2019	3.28	2.67	199,525	14.29	370,266
Granted on February 28, 2020	4.78	3.33	2,813	18.95	7,500
Granted on July 8, 2020	6.95	3.68	45,317	26.75	145,014
Granted on December 2, 2020	10.74	4.09	1,221	36.77	6,514
Granted on February 24, 2021	18.79	4.32	250	60.62	2,000
Granted on June 29, 2021	12.66	4.66	10,404	40.34	166,472

The issued options vest on quarterly straight-line basis (6.25% per quarter) over the vesting period of 4 years and must be exercised within 5 years from the date of grant.

Notes to the Condensed Interim Consolidated Financial Statements For the three and six-month periods ended October 31, 2021 and 2020 (in thousands of Canadian dollars, except per share data)

8. Share capital and Stock option plan (continued):

The fair value of options granted on June 29, 2021 were determined using the Black-Scholes option pricing model with the following assumptions:

	June 29, 2021
Exercise share price	\$ 40.34
Expected option life (years)	5
Weighted average expected stock price volatility	36.61%
Weighted average dividend yield	0.62%
Weighted average risk-free interest rate	0.97%

For the three and six months ended October 31, 2021, the Company recognized stock-based compensation expense of \$569 and \$923 (\$367 and \$636 for the same period of fiscal 2021). The contributed surplus accounts are used to record the accumulated compensation expense related to equity-settled share-based compensation transactions. Upon exercise of stock options, the corresponding amounts previously credited to contributed surplus are transferred to share capital.

9. Remaining performance obligation

The Company enters into SaaS subscription agreements and has historically entered into hosting agreements (classified under Maintenance and Support) that are typically multi-year performance obligations with original contract terms of three to five years. The Company enters into maintenance and support contracts other than hosting agreements that typically have an original term of one year and are subject to annual renewal. These contracts with an original term of one year (or less) are excluded from the table below.

The following table presents revenue expected to be recognized in the future related to SaaS and maintenance and support performance obligations that are part of a contract with an original duration of greater than one year and that are unsatisfied (or partially satisfied) at October 31, 2021:

	nainder of iscal 2022	F	iscal 2023	iscal 2024 thereafter	Total
SaaS Maintenance and support	\$ 12,804 1,026	\$	23,224 1,073	\$ 36,645 625	\$ 72,673 2,724
Total	\$ 13,830	\$	24,297	\$ 37,270	\$ 75,397

Notes to the Condensed Interim Consolidated Financial Statements For the three and six-month periods ended October 31, 2021 and 2020 (in thousands of Canadian dollars, except per share data)

10. Cost of revenue:

	Three Months Ended October 31, 2021	Three Months Ended October 31, 2020	Six Months Ended October 31, 2021	Six Months Ended October 31, 2020
SaaS, maintenance, support and professional services:				
Gross expenses	\$ 14,642	\$ 12,307	\$ 29,369	\$ 24,014
Amortization of intangible assets	154	140	310	315
Reimbursable expenses	163	41	286	61
E-business tax credits	(635)	(649)	(1,283)	(1,192)
	\$ 14,324	\$ 11,839	\$ 28,682	\$ 23,198
License and hardware	4,427	2,845	8,872	6,087
Cost of revenue	\$ 18,751	\$ 14,684	\$ 37,554	\$ 29,285

11. Finance costs (income):

	Three M I Octob	nded	lonths Ended per 31, 2020	Six M I Octob	nded	lonths Ended er 31, 2020
Interest expense on bank loans and other	\$	63	\$ 104	\$	140	\$ 287
Interest accretion expense – lease obligations		82	91		166	184
Foreign exchange loss (gain)		23	(1)		17	(229)
Interest income		(40)	(63)		(80)	(113)
Net finance costs (income)	\$	128	\$ 131	\$	243	\$ 129

12. Derivative instruments and risk management:

The Company is exposed to currency risk as a certain portion of the Company's revenues and expenses are incurred in U.S. dollars resulting in U.S. dollar denominated accounts receivable and accounts payable and accrued liabilities. In addition, certain of the Company's cash and cash equivalents are denominated in U.S. dollars. These balances are therefore subject to gains or losses due to fluctuations in that currency. The Company may enter into foreign exchange contracts in order to (a) offset the impact of the fluctuation of the U.S. dollar on its U.S. net monetary assets and (b) hedge highly probable future revenue denominated in U.S. dollars. The Company uses derivative financial instruments only for risk management purposes, not for generating trading profits. As such, any change in cash flows associated with derivative instruments is expected to be offset by changes in cash flows related to the net monetary position in the foreign currency and the recognition of highly probable future U.S. denominated revenue and related accounts receivable.

Notes to the Condensed Interim Consolidated Financial Statements For the three and six-month periods ended October 31, 2021 and 2020 (in thousands of Canadian dollars, except per share data)

12. Derivative instruments and risk management (continued):

Non-hedge designated derivative instruments

On October 31, 2021, the Company held four outstanding foreign exchange contracts with various maturities to February 2022 to sell US\$3,900 into Canadian dollars at rates averaging CA\$1.2456 to yield CA\$4,858. As of October 31, 2021, the Company recorded an unrealized exchange gain of \$31 included in other receivables representing the change in fair value of these outstanding contracts since inception.

On October 31, 2020, the Company held five outstanding foreign exchange contracts with various maturities to January 29, 2021 to sell US\$ 6,450 into Canadian dollars at a rate of CA\$1.319 to yield CA\$8,510. On October 31, 2020, the Company had recorded an unrealized exchange loss of \$83, included in accounts payable and accrued liabilities and an unrealized gain of \$2, representing the change in fair value of these outstanding contracts since inception and their initial measurement.

Revenue hedge designated derivative instruments

On October 31, 2021, the Company held seventeen outstanding foreign exchange contracts with various maturities to July 2022 to sell US\$28,000 at rates averaging CA\$1.2585 to yield CA\$35,239. Of the outstanding US\$28,000 hedge designated foreign exchange contracts, US\$18,250 pertain to highly probable future revenue denominated in U.S. dollars expected over the six-month period through April 2022 while US\$9,750 is related to realized U.S. dollar denominated revenue. On October 31, 2021, the Company had recorded an unrealized exchange gain of \$566 included in other receivables representing the change in fair value of these outstanding contracts since inception.

On October 31, 2020, the Company held ten outstanding foreign exchange contracts with various maturities to July 30, 2021 to sell US\$17,500 into Canadian dollars at rates averaging CA\$1.435 to yield CA\$25,112. Of the outstanding US\$17,500 hedge designated foreign exchange contracts, US\$11,200 pertains to highly probable future revenue denominated in U.S. dollars expected over the next six-month period while US\$6,300 relates to realized U.S. dollar denominated revenue. On October 31, 2020, the Company had recorded an unrealized gain of \$1,808 representing the change in fair value of these outstanding contracts since inception.

The following table represents the movement in accumulated other comprehensive income (loss) from derivatives designated as hedges.

		Three nonths ended per 31, 2021	Three months ended October 31, 2020		Six nonths ended per 31, 2021		Six nonths ended ber 31, 2020
Accumulated other comprehensive income on cash flow hedges as at the beginning of period	\$	134	\$1,678	\$	492	\$	569
Changes in fair value on derivatives designated as cash flow hedges	·	364	217	*	57	Ψ	1,546
Amounts reclassified from accumulated other comprehensive income to net earnings, and included in: Revenue		(26)	(641)		(136)		(659)
Net finance costs		(105)	(31)		(46)		(233)
Accumulated other comprehensive gain from cash flow hedges	\$	367	\$ 1,223	\$	367	\$	1,223
Accumulated other comprehensive (loss)/gain - translation adjustment from foreign operations at the end of period		(751)	255		(751)		255
Total accumulated other comprehensive (loss)/gain as at the end of period	\$	(384)	\$ 1,478	\$	(384)	\$	1,478

Notes to the Condensed Interim Consolidated Financial Statements For the three and six-month periods ended October 31, 2021 and 2020 (in thousands of Canadian dollars, except per share data)

13. Related party transactions:

Key management includes Board of Directors (executive and non-executive) and members of the Executive Committee that report directly to the President and Chief Executive Officer of the Company.

As at October 31, 2021, key management and their spouses control 21.7% (April 30, 2021 – 22.5%) of the issued common shares of the Company.

The compensation paid or payable to key management for employee services during the three and six month periods ended October 31, 2021 and 2020 is as follows:

	Months Ended ber 31, 2021	Months Ended ober 31, 2020	 Months Ended ober 31, 2021	Months Ended ober 31, 2020
Salaries	\$ 1,571	\$ 1,691	\$ 2,630	\$ 2,923
Other short-term benefits	86	152	168	256
Payment to defined contribution plans	34	21	70	69
	\$ 1,691	\$ 1,864	\$ 2,868	\$ 3,248

Under the provisions of the share purchase plan for key management and other management employees, the Company provided interest-free loans to key management and other management employees of \$300 (\$500 for the same period of fiscal 2021) to facilitate their purchase of the Company's common shares during the six months ended October 31, 2021. As of October 31, 2021, loans outstanding amounted to \$433 (April 30, 2021 - \$401) and are included in other receivables in the Consolidated Statements of Financial Position.

14. Operating segment:

Management has organized the Company under one reportable segment: the development and marketing of enterprise- wide distribution software and related services. As at October 31, 2021, substantially all of the Company's property and equipment, goodwill and other intangible assets are located in Canada and Denmark. For Denmark, the property and equipment (including right-of-use assets), goodwill and other intangible assets (including deferred development costs) as at October 31, 2021 were \$674, \$6,424 and \$6,325 respectively (April 30, 2021 – \$824, \$6,635 and \$6,823). For Canada, the amounts were \$8,668, \$10,783 and \$6,506 respectively (April 30, 2021 - \$9,103, \$10,782 and \$6,459). As at October 31, 2021, total assets attributable to Denmark were \$16,502 (April 30, 2021 - \$19,188). The Company's subsidiaries in the U.S. and the U.K. comprise sales and service operations offering implementation and maintenance services only.

Following is a summary of revenue by geographic location in which the Company's customers are located:

	Three Months Ended October 31, 2021	Three Months Ended October 31, 2020	Six Months Ended October 31, 2021	Six Months Ended October 31, 2020	
Canada	\$ 7,654	\$ 6,010	\$ 14,610	\$ 10,775	
United States	22,141	19,883	44,277	38,388	
Europe	4,280	4,644	8,116	9,199	
Other	194	157	498	423	
	\$ 34,269	\$ 30,694	\$ 67,501	\$ 58,785	

Notes to the Condensed Interim Consolidated Financial Statements For the three and six-month periods ended October 31, 2021 and 2020 (in thousands of Canadian dollars, except per share data)

15. Comparative information:

Certain comparative figures have been reclassified to conform with the basis of presentation used in the current year. The change in the presentation of revenue reflects the Company's shift from perpetual license to SaaS and the growing importance of SaaS revenue to overall revenue. The change also reflects a disaggregation based on license and hardware revenues instead of proprietary and third-party revenues. Management believes that this new presentation will highlight revenue streams that are driving performance and will therefore provide a better understanding of the results of the business.

Following is a description of the reclassified items and amounts included in the condensed interim consolidated statements of income and comprehensive income for the three months and six months ended October 31, 2020:

- (a) The Company's previous presentation of cloud, maintenance and subscription revenue included SaaS and maintenance and support revenue. The Company has reclassified SaaS revenue onto a separate line. The reclassification was for a total of \$5,120 and \$8,964 for the three and six months ended October 31, 2020.
 - Maintenance and support revenue now includes maintenance and support services sold with perpetual licenses and hardware maintenance services.
- (b) Reimbursable expense revenue and costs were previously presented as separate lines under revenue and costs of revenue, respectively. The company has now reclassified reimbursable expense revenue within professional services revenue and the related costs are included in costs of revenue. The reclassification was for a total of \$41 and \$61 for the three and six months ended October 31, 2020. See also note 10.
- (c) The Company's previous presentation of proprietary products revenue included both license and proprietary hardware products revenue. The Company has now reclassified proprietary hardware products within hardware revenue for a total of \$8 and \$81 for the three and six months ended October 31, 2020.
 - License revenue now includes proprietary software license and third-party software license revenue.
- (d) The Company's previous presentation of third-party products revenue included both third-party hardware products and third-party software license revenue. The Company has now reclassified third-party software license revenue within license revenue for a total of \$78 and \$224 for the three and six months ended October 31, 2020. Hardware revenue now includes third-party products and proprietary hardware products.
- (e) The Company previously has been presenting product costs and services costs separately. The Company now presents product and services costs combined under cost of revenue. See note 10.

16. Payment for acquired tax liability:

In August 2020, the Company paid \$2,191 to the Canada Revenue Agency relating to the acquired tax liability ("CRA Liability"), which was part of the total consideration to acquire OrderDynamics Corporation.

17. Subsequent event:

On December 1, 2021, the Company's Board of Directors declared a quarterly dividend of \$0.07 per share to be paid on January 7, 2022 to shareholders of record on December 16, 2021.

