# CSG Systems Sustainability Accounting Standards Board Index





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# **"CSg**

#### **About Us**

CSG is a leader in innovative customer engagement, revenue management and payments solutions that make ordinary customer experiences extraordinary. Our cloud-first architecture and customer-obsessed mindset help companies around the world launch new digital services, expand into new markets, and create dynamic experiences that capture new customers and build brand loyalty. For 40 years, CSG's technologies and people have helped some of the world's most recognizable brands solve their toughest business challenges and evolve to meet the demands of today's digital economy with future-ready solutions that drive exceptional customer experiences. With 5,000 employees in over 20 countries, CSG is the trusted technology provider for leading global brands in telecommunications, retail, financial services, and healthcare. Our solutions deliver real world outcomes to more than 900 customers in over 120 countries.

#### **Reporting Overview**

This document outlines CSG's Environmental, Social & Governance ("ESG") disclosure of the Value Reporting Foundation's Sustainability Accounting Standards Board ("SASB"). CSG is a member of the Technology & Communications sector in the Software & IT services industry as defined by SASB's Sustainable Industry Classification System ("SICS"). The information contained within is dated as of the end of our Fiscal Year (December 31, 2021) unless otherwise noted. For more information on CSG's ESG program, please visit: <a href="https://ir.csgi.com/investors/ESG/default.aspx">https://ir.csgi.com/investors/ESG/default.aspx</a>



SASB CODE	DESCRIPTION	DISCLOSURE
Environment		
Energy Management		
TC-SI-130a.3	Discussion of the integration of environmental considerations into strategic planning for data center needs.	Describe the integration of environmental considerations into strategic planning for data centers:  CSG's strategic planning considers environmental aspects when selecting and monitoring data center providers hosting CSG's global workloads for both internal enterprise as well as Software-as-a-Service ("SaaS") solutions hosting that CSG provides to its customers at each location. Energy efficiency, as well as the sources of energy supplying CSG's data centers, is reviewed based on the geographic location during provider selection and at periodic intervals during the relationship to ensure alignment of results to our original strategic plan.  Discuss how environmental factors impact decisions regarding the sitting, design, construction, refurbishment, and operations of data centers:  CSG continually partners with our suppliers of data center and hosting services supporting our enterprise and SaaS hosting solutions globally on the energy efficiency of their data centers and all infrastructure components within, sourcing of power, modern cooling systems, and contemporary efficiency design principles.  Discuss considerations for existing owned data centers, development of new data centers, and outsourcing of data center services:  CSG continually partners with our data center providers and hosting services supporting our enterprise and SaaS solutions globally on the energy efficiency of their data centers and all infrastructure components within, sourcing of power, modern cooling systems, and contemporary efficiency design principles.  Discuss how the environmental considerations you identified were incorporated into decisions related to data centers that were made during the reporting period:  CSG has modernized multiple global locations with foresight into energy consumption and efficiencies by deploying the latest generations of power efficient network, storage, and compute infrastructure components. CSG continues to review and relocate workloads to more energy efficient facilities and providers.



#### **Social Capital**

#### **Customer Privacy**

TC-SI-220a.1

Description of policies and practices relating to behavioral advertising and customer privacy.

Describe the nature, scope, and implementation of policies and practices related to customer privacy, with a focus on how you address the collection, usage, and retention of customer information:

The nature and scope of CSG's privacy policies and practices are established to maintain a comprehensive and global privacy program that includes all the legal requirements of applicable law for each applicable territory.

To implement the privacy program, CSG has internal privacy and security policies and practices that are an integral component of CSG's code of conduct. CSG provides annual privacy and security awareness training to employees and within 90 days of start date for new hires.

CSG collects, uses and retains customer information in accordance with the applicable agreement with the customer, applicable law and its internal policies and processes.

Describe the information "lifecycle" and how handling at each stage affect individual's privacy:

CSG has a comprehensive approach to information handling and to prevent the compromise or misuse of CSG's information, applications, networks and computer systems. CSG has a process in place for categorizing information types and defining how they are protected, commensurate with their business value and impact. With regards to the customer lifecycle, once CSG receives consent from a customer to provide CSG with personally identifiable information, CSG then employs a rigorous information protection sequence that consists of: (1) classifying the information, (2) proper handling of that information, (3) adequately retaining that information for a proper amount of time and (4) the possible destruction of that information at an appropriate time.

This applies to entities or individuals with access to information controlled or processed by CSG. This includes CSG entities, employees, contingent workers, contractors as well as external parties, including but not limited to CSG business partners, vendors, suppliers, and outsource service providers. This standard applies to all information controlled or processed by CSG.

All information is protected according to the requirements set for each classification in accordance with policies and practices and monitored by information owners. The information classification and its level of protection will be consistent when the information is reproduced as it flows through CSG.

Information owners must determine the information classification and must ensure that the information custodian is protecting the information in a manner appropriate to its classification.

No CSG-owned system or network may connect to the internet without the means to protect the information on those systems consistent with its information classification. High-impact information is not retained in any public zone. Protected health information, credit card numbers, or other account numbers are



not stored on a server connected to the internet. Cardholder data is retained as needed and defined per CSG's clients, in a configurable fashion until the client decides to add, modify or delete individual Primary Account Number (PAN) or entire accounts to meet their business requirements.

Information owners are responsible for creating information repositories and data transfer procedures, which protect information in the manner appropriate to its classification.

All appropriate information is backed up, and the backups tested periodically, as part of a documented regular process. Backups of data must be handled with the same security precautions as the data itself.

When systems are disposed of, or repurposed, data must be certified deleted, or disks destroyed consistent with industry best practices based on the classification of the information.

These processes must comply with CSG's Data Retention and Destruction Policy.

CSG maintains a data subject request portal for individuals to inquire and/or request information, access, deletion or modification of information. Data subject requests are processed according to the requirements under applicable law and CSG's internal policies and processes.

#### Discuss policies and practices related to children's privacy, including relations to COPPA:

CSG does not knowingly collect or solicit personal information of anyone under the age of 18. CSG maintains a code of business conduct that outlines CSG's expectations for employees and contractors.

#### Discuss how behavioral advertising is addressed, using the Self-Regulatory Principles for Online Behavioral Advertising:

CSG includes its cookie policy in it's website privacy notice which is in accordance with applicable privacy laws (i.e. the GDPR). For users of CSG's website, csgi.com, CSG or third parties may place advertising cookies on a user's computer or mobile device to enable third party ad networks to recognize a unique cookie. The information that is collected and shared by these types of cookies may also be linked to the device identifier of the device users are using to allow us to keep track of all the websites users have visited that are associated with the ad network. This information may be used for the purpose of targeting advertisements on our website and third-party sites based on those interests.

If the cookie lifespan is not disclosed in the cookie settings, we use a default life span of thirteen months, unless a shorter period is required by law.



TC-SI-220a.3	Total amount of monetary		
	losses as a result of legal	Reporting Currency: Annual	
	proceedings associated with customer privacy.	Total monetary losses incurred during the reporting period as a result of legal proceedings associated with incidents relating to customer privacy:	\$0.00
		Monetary losses from adjudicative proceedings in which you were evolved, whether before a court, a regulator, an arbitrator, or otherwise:	\$0.00
		Monetary liabilities to opposing parties or others, including fines and other monetary liabilities incurred during the reporting period as a result of civil actions, regulatory proceedings, and criminal actions brought by any entity:	\$0.00
		Additional Comments: CSG has not been involved in any privacy resulting in monetary dama period.	
TC-SI-220a.5	List of countries where core products or services are subject to government-required monitoring,	Government, judicial, or law enfor	rcement content limiting
	blocking, content filtering, or censoring.	List of the countries where products and services are monitored, blocked, or content is filtered or censored. Include locations where company operations have been discontinued, or were never offered, due to such government activity:	This is not applicable to CSG. CSG does not have products nor services subject to government-required monitoring, blocking, content filtering or censoring.
		Additional Comments:  https://www.csgi.com/company/d	<u>certifications/</u>
Data Security			
TC-SI-230a.1	(1) Number of data breaches, (2) percentage involving personally identifiable information (PII), (3) number of customers affected.	Describe the corrective actions to breaches:  CSG has an overarching Incident operated by our Chief Information that is used to manage any IT incireported. A specific set of Security procedures are followed if the inciral security issue. These procedures security and technical teams are ecommunicate remediation needs. Response Team including Security	Management Policy, which is a Security Officer ("CISO"), dent no matter how it is y Incident Response ident has the potential to be sensure that the appropriate engaged to evaluate and to the Security Incident



		provides an Incident Report that is communicated through this team detailing timelines, business and customer impact, risk, solution/remediation efforts, and security recommendations.  Disclose policy for disclosing data breaches to affected customers in a timely manner:  CSG's CISO maintains a security program to address data security risks, including the use of third-party cybersecurity standards. CSG takes matters of security very seriously. As such, CSG strives to be as transparent as possible with our customers and consumers regarding security. At a minimum, CSG will follow all contractual, legal, and regulatory requirements for reporting and strives to go above and beyond those requirements whenever possible.
TC-SI-230a.2	Description of approach to identifying and addressing data security risks, including use of third-party cybersecurity standards.	Describe the approach to identifying vulnerabilities in the systems that pose a data security risk:  CSG utilizes independent third parties and services, including the best of breed discovery tools, to look at software/applications, network infrastructure and logged traffic to prevent, detect and respond against vulnerabilities.  CSG's network security employs 24/7 infrastructure monitoring that leverages industry leading firewalls, network intrusion prevention systems (IDS/IPS), content filtering solutions and application firewalls in a Demilitarized Zone ("DMZ") configuration designed to protect public and private data, and to surveil all traversing network communications.  Consolidated log monitoring capabilities are utilized to identify anomalies and security events. Events are derived from multiple areas including network infrastructure (IDS/IPS, firewall, router, switches), operating systems and applications.  CSG incorporates enterprise anti-virus software to secure systems and prevent malware spread. A combination of protection and monitoring is performed that includes remotely deployed updates to each system, as well as malware/software reports to a central location for analysis. CSG-owned servers, workstations and email systems are all protected with these controls.  CSG also incorporates Product and Services code scanning and vulnerability testing to address concerns in development and post development for CSG's customer offered applications and services. CSG's Vulnerability Management Program oversees this.  Describe the approach to addressing identified risks and vulnerabilities related to data security:  CSG utilizes a Security Incident Response Team ("SIRT") to manage any security incident. The SIRT and technical teams are organized to evaluate and communicate any forensic or remediation needs to be reviewed and approved by the Chief Information Security Officer ("CISO"). The SIRT also provides an incident report that follows a rigorous MSIRT process, executive oversight and CSG's Audit Committee



#### Describe the risk management standards for use of third-party cybersecurity:

CSG holds third parties to practices and standards that drive CSG's regulatory and self-defined third-party requirements. This is for both the onboarding of a vendor and the vendors continued use by CSG as industry and regulatory items change. CSG's Vendor Program scrutinizes vendors, using a tier system, that is based upon the type of Personally Identifiable Information ("PII") being requested.

#### Discuss observed trends in type, frequency, and origination of data security and information systems attacks:

The trend in the last few years has gone from exploiting gaps or vulnerability on the perimeter to more focused user manipulation/exploitation of a company's employees through phishing and ransomware. Malicious intent users look to exploit human nature to gain authorized or undetected access to systems. They then collect and send out data over periods of time to correlate and devise an approach on how to best go after data.

# Describe the degree to which your approach is aligned with an external standard or framework and/or legal or regulatory framework for managing data security:

CSG has a continuous improvement security model and organization led by the Chief Information Security Officer (CISO) and driven by CSG's management team. The model leverages PCI DSS, Privacy laws (including GDPR, HIPAA and ISO-27001) and NIST, and certified against the internationally accepted ISO 27001 security framework.

CSG has developed and deployed a CSG Common Control Framework that spans across all current and potentially new frameworks CSG chooses to validate control effectiveness against. These are tested annually by independent assessors and auditors.

#### **Additional Comments:**

All employees, contractors, and contingent workers are required to complete annual Security Awareness training, as well as additional security-centric training pertinent to their specific job roles and any current global events.

CSG leverages a Three Lines of Defense model, where control activities are continually performed by operational teams, regularly evaluated by security and governance teams, and, as applicable, reviewed by independent auditors. Penetration testing is performed on critical systems after each release to validate internal and external vulnerability scanning and remediation processes. CSG's Governance and Internal Audit teams perform quarterly and continual monitoring of critical controls, to ensure a consistent level of defense and knowledge base from employees.

Annually, external auditors evaluate the effectiveness of critical controls in place for PCI DSS, ISO 27001, SOX and SOCI.



Human Capital				
Employee Engagement, Diversity & Inclusion				
TC-SI-330a.1	Percentage of employees that are (1) foreign nationals and (2) located offshore.	Percentage of Employees that are Foreign Nationals (%):  Region:	Percentage of Employees Located Offshore (%):	
		APAC CASA EMEA North America Total  Additional Comments: We are committed to becoming a that is locally relevant to the region which we operate, and have plan develop and nurture approaches mature our DEI program. To furt the United Nations Global Compleadership platform for the devel disclosure of responsible business	ons, countries, and areas in s within our DEI strategy to to channel the power of all and her our DEI goals, CSG joined pact initiative — a voluntary opment, implementation, and	
TC-SI-330a.2	Employee engagement as a percentage.	Global Compact is a conviction the global marketplace be more sociand thus advance collective goals peace, and development.  Employee Engagement Percentage (%):	ally and economically inclusive,	
		Describe the source of your surve calculate the percentage, and a statements included in the surve CSG uses a third-party provider for The two questions that make up Score)+ are:  1. I would recommend CSG as a Q. How happy are you working at	summary of questions or by or study: or employee surveys. eSat (Employee Satisfaction great place to work	
		What is an Engagement score? Engagement score is calculated befor eSat (Employee Satisfaction) at the overall engagement score has correlation with the drivers of ensuch as productivity and retention Managers understand, at the high team is at work. The engagement engagement story begins.	and recommend.  as proven to have the highest gagement, along with outcomes n. This overall score can help hest level, how happy their	
		Understanding how the engagen important. Note that while the su see that the reports are converte	rvey is on a 5-point scale, you'll	



			engagement score is calculated.  If results are limited to a subset of employees, include the			
			percentage of employed the representativeness	es included in the study or survey, and		
			internal and external sp and engaging discussio Black History Month, In	a DEI Meet-Up series that featured leakers who delivered thought leadership in around a range of topics including ternational Women's Day, Asian American le, and Hispanic Heritage Month.		
			and were formalized in with executive sponsors conversation, and awar (supporting women), Pr	oyee Belonging Groups began in 2021 early 2022. These employee-led groups ship offer community, courageous eness activities. They include WE LEaD ide@CSG (supporting LGBTQ+), and oporting underrepresented groups).		
			5,200 employees repres launching new DEI train Inclusion Lab in each of micro-learning opportu Inclusive Leadership tra	al inclusion with local relevance for over senting over 20 countries. In 2022 we are sing for all employees, a quarterly our regions, and dynamic virtual and nities. In 2021, we hosted our first sining for leaders and have expanded that as a DEI Forum that meets quarterly.		
TC-SI-330a.3	Percentage of ger representation fo management, (2) staff, and (3) all of employees.	r (1) technical	female, or in some juris	f this tool is defined as a binary male or dictions known as 'legal sex', other data garding gender identity.		
US Employees	Total Employees	Male	Female	Not Disclosed/Available:		
Management:	563	64%	36%	0		
Technical Staff:	1019	69%	31%	0		
All Other Employees: Non-US	742	49%	51%			
Employees	Total Employees	Male	Female	Not Disclosed/Available:		
Management:	531	77%	23%			
Management:	2063	66%	34%			
Technical Staff:	316	51%	49%			



US Employees	Total Employees	Asian	Black or African American	Hispanic or Latino	White	Other	Not Disclosed/Available:
Management	563	9%	4%	5%	79%	1%	2%
Technical Staff	1019	16%	4%	5%	70%	1%	4%
All Other Employees	742	6%	12%	11%	62%	2%	6%
Non-US Employees	Total						
Management	531						
Technical Staff	2063						
All Other Employees	316						

Leadership & Go	evernance			
Business Ethics & Competitive Behavior				
TC-SI-520a.1	Total amount of monetary losses as a result of legal proceedings associated with anti-competitive behavior regulations.	CSG provides required annual training for all of its employees in a number of areas pertaining to labor and employment issues which includes but is not limited to anti-harassment training. For the settled litigation related to a breach of confidential information, CSG legal department provides proactive training to employees in departments which can better position CSG should such claims arise in the future. CSG has been granted the majority of state-issued almost all MTLs and implemented will provide training as appropriate to ensure employees in areas supporting the business comply with applicable laws and regulations.		
Systemic Risk M	anagement			
TC-SI-550a.1	Number of (1) performance issues and (2) service disruptions; (3) total customer downtime.	Provide details of significant service disruptions: CSG maintains focus on the reduction of customer impacting events defined in CSG's "four disciplines of execution" operational improvement program in order to continually improve customer satisfaction through measured "Impact Minutes". Additionally, in 2021, CSG did not experience a performance incident or downtime issue that had a material impact on our business that required regulatory reporting to authorities or incurred material financial penalties.		
TC-SI-550a.2	Description of business continuity risks related to disruptions of operations.	Discuss business continuity risks affecting operations: CSG operates in rapidly changing and evolving markets throughout the world addressing the complex needs of communication service providers, financial institutions, and many others, and as a result, new risk factors will likely emerge and currently identified risk factors will likely evolve in their scope. Further, as we enter new market sectors as well as new geographic markets, we could be subject to new regulatory requirements that increase the risk of non-compliance and the potential for economic harm to us and our customers.  CSG is committed to promoting its business continuity management so the company can fulfill its responsibilities to our customers with products and services even when risks actualize		



in the form of earthquakes, typhoons and other natural disasters; global pandemics; wars or other forms. CSG's goal is to provide resiliency of our products and services while testing recoverability to build confidence in those processes.

Accordingly, CSG maintains Business Continuity, Disaster Recovery, and Information/Cyber Security programs with frameworks and methodologies designed to effectively manage business continuity risk. These frameworks include but are not limited to ISO 22301, NIST 800-53 and Information Technology Infrastructure Library (ITIL) processes. Our programs are designed to create a resilient operating environment with preestablished response and recovery strategies in the event of business disruption.

Discuss measures to address business continuity risks, such as technology or processes that reduce impacts from disruptions, enhance the resilience of systems, insure against loss, or provide redundancies to critical business operations:

CSG's Business Continuity program identifies all products and services that are critical to maintaining business operations, and correspondingly builds BCP plans for each. These are reviewed and updated twice annually, exercised annually at a minimum, and includes management of risks for products and services outages, staff loss or unavailability. Business Continuity risks are defined as:

- (1) A sudden, unplanned catastrophic event causing unacceptable damage or loss.
- (2) Potential disaster events that are considered in our DR plans, including physical events (fire, flood, etc.), cyberattacks, terrorism or sabotage, loss of electric power or human resource availability.
- (3) An event that compromises an organization's ability to provide critical functional processes or services.
- (4) A planned or unplanned event where an organizations management invokes their disaster recovery plans.

Improved data center architecture provides product and service resiliency across data centers while leading protection solutions provide proven recoverability. Cloud built products and services follow frameworks and methodologies designed to provide resiliency and recoverability while mitigating risks. Use of an architecture review board ensures applications are designed and constructed in compliance with CSG standards. A central incident command process provides immediate response to incidents and disasters. With advancements in CSG's technology and a committed focus on improving our resiliency posture to meet client, regulatory, and stakeholder expectations; CSG continues to reduce "Impact Minutes" year over year in accordance with CSG's "4DX" operational improvement program. In FY21 CSG did not experience a performance incident or downtime issue that had significant impact on the business.

References: 10-K Annual Documents Page 9

# **"CSg**

# Cautionary Statement Regarding Forward-Looking Statements & Disclaimers

This document may contain forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995. In this context, forward-looking statements often address expected future business and financial performance and financial condition, and often contain words such as "expect," "anticipate," "intend," "plan," "believe," "seek," "see," "will," "would," "may," "target," and similar expressions and variations or negatives of these words. These forward-looking statements may include, among other things, statements with respect to our strategies and priorities, future growth prospects and opportunities, uses of cash, and other measures that may impact our financial performance; expectations regarding our share repurchase program; anticipated impacts of the COVID-19 pandemic; the strength of our balance sheet and tenor of our third-party debt; and other information and statements that are not historical fact. These forwardlooking statements involve certain risks and uncertainties that could cause actual results to differ materially from those expressed or implied by these statements. These risks and uncertainties include events that are outside of our control, such as general economic, legislative, political and regulatory factors, and the impact of weather conditions, natural disasters, or any epidemic, pandemic or disease outbreak (including COVID-19); other factors detailed from time to time in our filings with the U.S. Securities and Exchange Commission; and management's response to any of the aforementioned factors. For additional information on identifying factors that may cause actual results to vary materially from those stated in forward-looking statements, please see our filings with the U.S. Securities and Exchange Commission, including our most recently filed Form 10-Q and/or Form 10-K. These forward-looking statements speak only as of the date of this release. We expressly disclaim any obligation or undertaking to disseminate any updates or revisions to any forward-looking statement contained herein to reflect any change in our expectations with regard thereto or any change in events, conditions or circumstances on which any such statement is based.