



CONNECTWISE, LLC

ConnectWise BrightGauge, ITBoost, Cloud Billing, Identify Assessment, Co-Managed Backup, PSA, CPQ, CW-RMM, and CW-SSO Systems

SOC 3

System and Organization Controls (SOC) for Service Organizations Report
for the period of January 1, 2023 to December 31, 2023



Report of Independent Service Auditors issued by Aprio LLP

Table of Contents

- I. **Report of Independent Service Auditor 1**
- II. **ConnectWise’s Assertion 4**
- III. **ConnectWise’s Description of the Boundaries of its System 6**
 - A. Scope and Purpose of the Report..... 6
 - B. Company Overview and Background 6
 - C. System Overview 6
 - D. Principal Service Commitments and System Requirements 11
 - E. Non-Applicable Trust Services Criteria 15
 - F. Subservice Organizations 19
 - G. User Entity Controls 23

I. Report of Independent Service Auditor

We have examined ConnectWise, LLC's (the "Company" or "ConnectWise") accompanying assertion titled *ConnectWise's Assertion* (the "Assertion") indicating that the controls within the ConnectWise BrightGauge, ITBoost, Cloud Billing, Identify Assessment, Co-Managed Backup, PSA, CPQ, CW-RMM, and CW-SSO Systems (the "System") were effective for the period of January 1, 2023 to December 31, 2023 (the "Specified Period"), to provide reasonable assurance that ConnectWise's service commitments and system requirements were achieved based on the trust services criteria relevant to Security, Availability, Confidentiality, and Privacy ("applicable trust services criteria") set forth in TSP section 200, *2018 Trust Services Criteria for Security, Availability, Processing Integrity, Confidentiality, and Privacy* (AICPA, *Trust Services Criteria*) for the Specified Period.

The Company uses Amazon Web Services' (AWS), a subservice organization, AWS Elastic Compute Cloud (Amazon EC2) services for its third-party hosting of servers and equipment in an Infrastructure-as-a-Service environment for the Identify Assessment, BrightGauge, Cloud Billing, CW-RMM, IT Boost, PSA, and CW-SSO Systems, including the restriction of physical access to the defined system including, but not limited to, facilities, backup media, and other system components such as firewalls, routers, and servers. The Company also uses the AWS Simple Storage Service (S3) as a Platform-as-a-Service, more specifically a Database-as-a-Service. In addition, the Company uses Microsoft Azure's (Azure), a subservice organization, Platform-as-a-Service for its third-party hosting of servers and equipment for the CPQ System, including the restriction of physical access to the defined system including, but not limited to, facilities, backup media, and other system components such as firewalls, routers, and servers. Also, the Company uses the Azure SQL Database service as a Platform-as-a-Service, or more specifically a Database-as-a-Service. Additionally, the Company uses IBM SoftLayer, a subservice organization, for its third-party hosting of services and equipment in an Infrastructure-as-a-Service environment for the Co-Managed Backup System, including restriction of physical access to the defined system including, but not limited to, facilities, backup media, and other system components such as firewalls, routers, and servers. Lastly, the Company uses Markley, LLC, a subservice organization, for third-party Backup-as-a-Service (BaaS), Disaster Recovery-as-a-Service (DRaaS), and Storage-as-a-Service (SaaS) for the CW-RMM System, including restriction of physical access to the defined system including, but not limited to, facilities, backup media, and other system components such as firewalls, routers, and servers. Certain AICPA Applicable Trust Services Criteria specified in the section titled *ConnectWise's Description of the Boundaries of its System*, under the section *Subservice Organizations*, can be achieved only if complementary subservice organization controls assumed in the design of the Company's controls are suitably designed and operating effectively, along with related controls at the Company. Management's Assertion includes only the controls of the Company and excludes the controls performed by the subservice organizations. The Assertion does not disclose the actual controls at the subservice organizations. Our examination did not include the services provided by the subservice organizations, and we have not evaluated the suitability of the design or operating effectiveness of such complementary subservice organization controls.

The Assertion indicates that certain AICPA Applicable Trust Services Criteria specified in the section titled *ConnectWise's Description of the Boundaries of its System*, under the section *User Entity Controls*, can be achieved only if complementary user entity controls contemplated in the design of the Company's controls are suitably designed and operating effectively, along with related controls at the Company. Our examination did not extend to such complementary user entity controls, and we have not evaluated the suitability of the design or operating effectiveness of such complementary user entity controls.

Service Organization's responsibilities

The Company is responsible for its service commitments and system requirements and for designing, implementing, and operating effective controls within the system to provide reasonable assurance that the Company's service commitments and system requirements were achieved. The Company has provided the accompanying assertion titled *ConnectWise's Assertion* about the suitability of design and operating effectiveness of controls. When preparing its assertion, the Company is responsible for selecting, and identifying in its assertion, the Applicable Trust Services Criteria and for having a reasonable basis for its assertion by performing an assessment of the effectiveness of the controls within the system.

Service Auditor's responsibilities

Our responsibility is to express an opinion, based on our examination, on whether management's assertion that the controls within the system were effective throughout the period to provide reasonable assurance that the service organization's service commitments and system requirements were achieved based on the Applicable Trust Services Criteria.

Our examination was conducted in accordance with attestation standards established by the American Institute of Certified Public Accountants. Those standards require that we plan and perform our examination to obtain reasonable assurance about whether management's assertion is fairly stated, in all material respects. We believe that the evidence we obtained is sufficient and appropriate to provide a reasonable basis for our opinion.

We are required to be independent and to meet our ethical responsibilities in accordance with relevant ethical requirements relating to the engagement.

Our examination included:

- Obtaining an understanding of the system and the service organization's service commitments and system requirements;
- Assessing the risks that the controls were not effective to achieve the Company's service commitments and system requirements based on the Applicable Trust Services criteria; and
- Performing procedures to obtain evidence about whether controls within the system were effective to achieve the Company's service commitments and system requirements based on the Applicable Trust Services Criteria.

Our examination also included performing such other procedures as we considered necessary in the circumstances.

Inherent limitations

There are inherent limitations in the effectiveness of any system of internal control, including the possibility of human error and the circumvention of controls.

Because of their nature, controls may not always operate effectively to provide reasonable assurance that the service organization's service commitments and system requirements were achieved based on the Applicable Trust Services Criteria. Also, the projection to the future of any conclusions about the effectiveness of controls is subject to the risk that controls may become inadequate because of changes in conditions or that the degree of compliance with the policies or procedures may deteriorate.

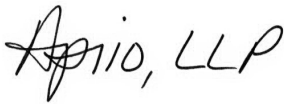
Other matters

We did not perform any procedures regarding the fairness of presentation as it relates to the description criteria of the description in Section III titled *ConnectWise's Description of the Boundaries of its System*, and, accordingly, do not express an opinion thereon.

Opinion

In our opinion, ConnectWise's assertion that the controls within the Company's System were effective throughout the Specified Period to provide reasonable assurance that the Company's service commitments and system requirements were achieved based on the Applicable Trust Services Criteria, in all material respects, is fairly stated.

Aprio, LLP



Atlanta, Georgia
March 5, 2024





II. ConnectWise's Assertion

We are responsible for designing, implementing, operating, and maintaining effective controls over ConnectWise, LLC's (the "Company" or "ConnectWise") ConnectWise BrightGauge, ITBoost, Cloud Billing, Identify Assessment, Co-Managed Backup, PSA, CPQ, CW-RMM, and CW-SSO Systems (the "System") for the period of January 1, 2023 to December 31, 2023 (the "Specified Period"), to provide reasonable assurance that the Company's service commitments and system requirements relevant to Security, Availability, Confidentiality, and Privacy were achieved. We have performed an evaluation of the effectiveness of the controls within the System throughout the Specified Period to provide reasonable assurance that the Company's service commitments and system requirements were achieved based on the trust services criteria relevant to Security, Availability, Confidentiality, and Privacy (the "Applicable Trust Services Criteria") set forth in TSP section 200, *2018 Trust Services Criteria for Security, Availability, Processing Integrity, Confidentiality, and Privacy* (AICPA, *Trust Services Criteria*). The Company's objectives for the system in applying the Applicable Trust Services Criteria are embodied in its service commitments and system requirements relevant to the Applicable Trust Services Criteria. The principal service commitments and system requirements related to the Applicable Trust Services Criteria are specified in the section titled *ConnectWise's Description of the Boundaries of its System*.

The Company uses Amazon Web Services' (AWS), a subservice organization, AWS Elastic Compute Cloud (Amazon EC2) services for its third-party hosting of servers and equipment in an Infrastructure-as-a-Service environment for the Identify Assessment, BrightGauge, Cloud Billing, CW-RMM, IT Boost, PSA, and CW-SSO Systems, including the restriction of physical access to the defined system including, but not limited to, facilities, backup media, and other system components such as firewalls, routers, and servers. The Company also uses the AWS Simple Storage Service (S3) as a Platform-as-a-Service, more specifically a Database-as-a-Service. In addition, the Company uses Microsoft Azure's (Azure), a subservice organization, Platform-as-a-Service for its third-party hosting of servers and equipment for the CPQ System, including the restriction of physical access to the defined system including, but not limited to, facilities, backup media, and other system components such as firewalls, routers, and servers. Also, the Company uses the Azure SQL Database service as a Platform-as-a-Service, or more specifically a Database-as-a-Service. Additionally, the Company uses IBM SoftLayer, a subservice organization, for its third-party hosting of services and equipment in an Infrastructure-as-a-Service environment for the Co-Managed Backup System, including restriction of physical access to the defined system including, but not limited to, facilities, backup media, and other system components such as firewalls, routers, and servers. Lastly, the Company uses Markley, LLC, a subservice organization, for third-party Backup-as-a-Service (BaaS), Disaster Recovery-as-a-Service (DRaaS), and Storage-as-a-Service (StaaS) for the CW-RMM System, including restriction of physical access to the defined system including, but not limited to, facilities, backup media, and other system components such as firewalls, routers, and servers. Certain AICPA Applicable Trust Services Criteria specified in the section titled *ConnectWise's Description of the Boundaries of its System*, under the section *Subservice Organizations*, can be achieved only if complementary subservice organization controls assumed in the design of the Company's controls are suitably designed and operating effectively, along with related controls at the Company. Management's assertion includes only the controls of the Company and excludes the controls performed by the subservice organizations.

Certain AICPA Applicable Trust Services Criteria, specified in Section III, *ConnectWise's Description of the Boundaries of its System*, under the section *User Entity Controls* can be achieved only if complementary user entity controls contemplated in the design of the Company's controls are suitably designed and operating effectively, along with related controls at the Company. Management's assertion includes only the controls of the Company and excludes the controls performed by User Entities.

There are inherent limitations in any system of internal control, including the possibility of human error and the circumvention of controls. Because of these inherent limitations, a service organization may achieve reasonable, but not absolute, assurance that its service commitments and system requirements are achieved.

We assert that the controls within the System were effective throughout the Specified Period to provide reasonable assurance that the Company's service commitments and system requirements were achieved based on the Applicable Trust Services Criteria.

III. ConnectWise’s Description of the Boundaries of its System

A. Scope and Purpose of the Report

This report describes the control structure of ConnectWise, LLC (the “Company” or “ConnectWise”) as it relates to its ConnectWise BrightGauge, ITBoost, Cloud Billing, Identify Assessment, Co-Managed Backup, PSA, CPQ, CW-RMM, and CW-SSO Systems (the “System”) for the period of January 1, 2023 to December 31, 2023 (the “Specified Period”), for the trust services criteria relevant to Security, Availability, Confidentiality, and Privacy (the “Applicable Trust Services Criteria”) as set forth in TSP section 200, *2018 Trust Services Criteria for Security, Availability, Processing Integrity, Confidentiality, and Privacy* (AICPA, *Trust Services Criteria*).

It is the responsibility of each specified party to evaluate this information in relation to the control structure in place at the user organization to assess the total internal control environment. The internal control structures at the Company are not designed to compensate for any weaknesses that may exist if the internal control structure at a user organization is ineffective.

B. Company Overview and Background

Company Overview

ConnectWise is an IT software company, powering Technology Service Providers (TSP) to achieve their vision of success in their as-a-service business with intelligent software packages, expert services, and vast ecosystem of integration. ConnectWise has unmatched flexibility which caters profitable long-term growth to TSPs.

ConnectWise develops and distributes a business management platform. The Company offers a suite of applications that includes an integrated customer relationship management (CRM) solution, help desk and customer service applications, project management, finance and billing systems, and a workflow automation solution. ConnectWise software caters to information technology services, system integration, software development, professional services, and telecommunications sectors. The Company was founded in 1982 and is based in Tampa, Florida.

ConnectWise Office Locations

- Head Office - Tampa:
400 N Tampa St #2600,
FL 33602, United States
- Operations – India:
 - Bangalore, India
 - Mumbai, India
 - Pune, India

Overview of the BrightGauge System

BrightGauge is a web-based application that serves as a data visualization and centralization tool for current Professional Service Automation (PSA), Remote Monitoring Management (RMM), and finance software(s). BrightGauge helps its customers get the most out of their data source(s) by accessing, grouping, and simplifying data that most of these tools have “hidden”/stored in their databases across multiple tables without a simple way to display or report on. BrightGauge allows customers to bring together multiple data sources into its platform whether it is an on-premises system with its secure agent or connected via an application programming interface (API) to a hosted provider. These tools are built as silos with limited interoperability. Each has its unique strengths, but they keep their proprietary content “locked” internally, leaving gaps and incomplete coverage in the customer’s business. BrightGauge helps customers break down the barriers of these data silos and bring their key business data together.

There is a three-step process from the customer’s data sources to the end result visualization that BrightGauge defines in order to help customers leverage their data.

- *Datasets* – The raw data that BrightGauge extracts from customers’ data sources, normalizes (such as dates), and makes available to customers to create visuals. BrightGauge Dashboard is a simple way to track customers’ key performance indicators (KPIs). BrightGauge Dashboards put together customer’s important data in one place, so they can make faster and sharper decisions.
- *Gauges* – These are the visualizations of the data. The charts, numbers, lists, or tables that are created as representations of the raw data. BrightGauge’s 40+ integrations come with pre-built default gauges so customers can start tracking their data right out-of-the-box. Whether starting with a default gauge or building one from scratch, BrightGauge’s gauge builder lets customers customize their data exactly as they would like.
- *Reports & Dashboards* – These are the areas where customers can place their gauges for regular viewing. BrightGauge connects to individual data sources to pull the data into the platform. Each data source is charged separately because it requires a unique connection to the platform. Customers can filter for their desired parameters and choose the chart type they like best.

BrightGauge Goals

The key pillars for maximizing growth are aligning the customer’s team with their organization’s goals, measuring team performance towards achieving those goals, and holding the customer’s team accountable for hitting their individual goals. With goals, it is easy to hit the growth targets. By assigning KPIs for each team member and keeping them updated on how they are trending towards their goals, it is easy to see if they are on track or need improvement in order to reach their big picture target.

Goal Types

1. *Outcome Goals*: Something to accomplish in the future.
2. *Process Goals*: Measured on a weekly basis.
3. *Inspiration*: Curated list of ideas for goals from peers.

BrightGauge Client Reporting

Client reporting easily shows the customers’ clients the value they provide on a regular basis in under two minutes and help customers’ clients obtain the information they want. The reporting features include:

1. *Choose Type* – BrightGauge makes it easy to be transparent. When customers visit the “Reports” section, they will be able to choose between sending a report to their clients or their internal teams.
2. *Pick a Template* – Customers have two options when building a report: either start from scratch or select from one of the default templates. Either way, customers can customize reports based on their needs.
3. *Set the Schedule* – Once a customer has created a report, they can save it as a template and set it to automatically be sent to the recipients they choose on the date and time they desire.

Overview of the ITBoost SaaS System

ITBoost is an IT documentation system by ConnectWise, which has a versatile dashboard that hosts a leading documentation solution in the industry and displays the numbers actually needed to be seen by external platforms.

Founded in 2016 and acquired by ConnectWise in 2019, ITBoost is a SaaS system which includes the controls to meet the applicable trust services criteria. Management is responsible for the identification of risks associated with the system of controls and for the design and operation of controls intended to provide reasonable assurance that the applicable trust services criteria would be met. Features include:

- *Documentation* - Whether users prefer to work off customizable templates or build their knowledge base from the ground up, everything needed to customize the documentation experience with ITBoost is at the user's fingertips.
- *Comprehensive Dashboard* - ITBoost links critical information together across companies, contacts, and assets so organizations can deliver seamless customer experiences from a single-pane-of-glass view.
- *Customized Templates* - ITBoost decreases the documentation process with the facilitation of customized templates.
- *Voice over Internet Protocol (VOIP) Integrations* - With Ring Central and Jive VoIP integrations, on-screen prompts deliver the information that Tech support needs to provide a seamless and consistent customer support experience.

Overview of the Cloud Billing SaaS System

ConnectWise Cloud Billing is a cloud-based billing, monitoring, and management software application that integrates with Microsoft Office 365 (O365), Microsoft Azure, Cisco Meraki, Cisco Stealthwatch Cloud, Cisco Umbrella, and Cisco WebEx Teams to sync customer billing and service information to ConnectWise Manage or Autotask PSA.

Cloud Billing is a middleware SaaS solution that allows technology service providers to manage their cloud offerings in one interface. Cloud Billing provides partners with the ability to manage, monitor, and bill for cloud services. Users of Cloud Billing can manage their systems in O365, Azure, Cisco Meraki, Spark, Umbrella, and Stealthwatch solutions, as well as cloud offerings in Amazon Web Services (AWS).

Services provided by Cloud Billing are as follows:

- *Single-Invoice Billing* – Partners are able to automate their billing process, allowing them to aggregate billing across different services into a single invoice.
- *Visibility* – Technology Service providers can see the services they offer to partners and understand the breadth of their portfolio on one screen. This process allows partners to consolidate where possible making managing cloud offerings more efficient.
- *Monitor* – This service allows partners to proactively monitor cloud vendors. Cloud Billing can identify if a monitored cloud service such as O365 has failed and can send alerts to partners. This process helps reduce the time it takes to troubleshoot as well as the number of phone calls that come in. Cloud Billing allows partners to track the outage from its inception.

Overview of the ConnectWise Identify Assessment System

ConnectWise Identify Assessment is a Cybersecurity Risk Assessment tool that helps a managed service provider assess their risk and the risk of the customers they support. The current risk assessment is based on the NIST Cybersecurity Framework and allows a provider to assess a given set of control-based questions to understand the risks that are present in the environment. This approach focuses on people, processes, and procedures to help ensure that challenges which bubble up from non-network assets are found and addressed just as much as their network-level counterparts. Helping the managed service providers understand the risks they have present in their business and customers' businesses helps them to prioritize the highest priority risks to proactively manage their cybersecurity risks across the board.

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ConnectWise BrightGauge, ITBoost, Cloud Billing, Identify Assessment, Co-Managed Backup, PSA, CPQ, CW-RMM, and CW-SSO Systems

ConnectWise Identify Assessment Software-as-a-Service (SaaS) provides the following services to partners:

- *Comprehensive Risk Assessment* – Allows partners to evaluate the security risks across their and their customer's entire business covering the five functions of NIST cyber-security framework.
- *Customer Friendly Risk Report* – Allows partners to generate a user-friendly risk report that is easy to understand.
- *ConnectWise Professional Service Automation (PSA) Integration* – Allows partners to track the risk assessment within their customer records in ConnectWise PSA.
- *Recommendation from CISOs*— Allows partners to generate an action plan from the remediation recommendations included in each report.

Overview of the Co-Managed Backup System

With ConnectWise Co-Managed Backup, users can avoid downtime and disruption for their clients with a reliable and secure Backup and Disaster Recovery (BDR) solution.

Co-Managed Backup is ConnectWise's fully managed backup and disaster recovery platform. Designed to access client backup data quickly while maintaining Co-Managed Backup points offsite. Co-Managed Backup combines a local, onsite appliance with offsite cloud storage to provide a comprehensive hybrid backup solution. Backed by automation and the Company's 24/7/365 NOC services, ConnectWise Co-Managed Backup keeps the client's data safe—and the business intact.

- *ConnectWise Co-Managed Backup complete BDR Continuity* – Avoid downtime and recover lost data in minutes, not days. ConnectWise Co-Managed Backup complete BDR Continuity is an enterprise-grade BDR solution that provides speed, reliability, and continuous uptime for client data protection.
- *ConnectWise Co-Managed complete BDR Backup* – For companies with simple, straightforward data backup needs, ConnectWise Co-Managed complete BDR Backup offers flexible, scalable, and budget-friendly data protection.
- *ConnectWise Co-Managed Backup complete BDR SaaS* – ConnectWise Co-Managed complete BDR Backup SaaS allows customers to easily protect their client's data for the SaaS applications from a single screen.
- *ConnectWise Co-Managed Backup complete BDR* – With ConnectWise Co-Managed Backup complete BDR, a customer can avoid downtime and disruption for its clients with a reliable and secure Backup and Disaster Recovery (BDR) solution. Backed by automation and our 24/7/365 NOC services, ConnectWise Co-Managed Backup complete BDR keeps client's data safe—and their business intact.

Overview of the ConnectWise PSA SaaS System

PSA is a business management software that combines project management, customer service, sales management, and billing capabilities into a single application eliminating the need for multiple systems. PSA is designed to encompass a large variety of business processes that collect and store data, giving partners visibility on the progress of their operations.

PSA is designed for technology solutions providers to have a single application that is readily available to manage their business. PSA provides partners with the ability to manage projects, track partner interactions and service tickets, manage sales cycles, and perform partner billing.

PSA SaaS provides the following services to partners:

- *A unified business management platform* – PSA allows assignment and management of projects, follows supply and purchase orders, controls sales, develops marketing strategies, and serves partners from one interface. This feature allows a large or geographically dispersed workforce to collaborate while managing operations.
- *Customer Service* – PSA provides ease of communication with partners, fast and efficient help desk support ticketing, and accurate documentation of activities. This feature allows agents to follow workflows and capture and track each step of the support process.
- *Reporting* – PSA Reporting provides visibility into the health and progress of operations. The reporting capability makes decisions easy and allows for a centralized view on different business drivers.

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- *Billing* – PSA provides financial control. The system tracks transactions, tracks time, and handles billing and invoicing activities. PSA helps partners avoid manual errors while offering professional service and collecting timely payments.
- *Feedback* – PSA provides a feedback system designed specifically for Managed Services Providers (MSPs) and is focused exclusively on customer satisfaction.

Overview of the ConnectWise CPQ SaaS system

ConnectWise CPQ is a quote and proposal automation platform. The CPQ suite provides for workflow automation of the sales lifecycle. This system includes tools to build, deliver, and allow partners to accept and modify quotes through online delivery interfaces. CPQ also provides for catalog services to update inventory options allowing ConnectWise partners and their customers to see current inventory and pricing options from distributors.

CPQ offers sales reporting and business intelligence capabilities for partners to track activities and results. CPQ SaaS provides the following services to partners:

- *CPQ* – Provides a platform for ConnectWise partners to convert opportunities into closed business through sales activity workflow automation and reporting. CPQ integrates with Customer Relationship Management (CRM) applications including ConnectWise Manage, Salesforce, and NetSuite.
- *Catalog* – Provides integrations with suppliers and distributors, allowing ConnectWise partners to get nightly catalog feeds to help build quotes and orders based on the most current options from suppliers.
- *Order Porter* – Provides the online delivery interface for ConnectWise partners to deliver quotes to their customers. Through Order Porter, a quote can be reviewed, accepted, or modified, and payment can be made. Once a quote is accepted, Order Porter will link back into the sales platform and convert the opportunity to a win.

Overview of the CW-RMM System

ConnectWise's CW-RMM System (CW-RMM) provides a selection from a wide range of services to meet the partners' needs. The services provided are as follows:

1. Business Management
2. Unified Monitoring and Management
3. Cybersecurity Management
4. Expert Services

The portal provides a different view depending on the configuration options selected for the user. If a user does not have access to the entire site, they will only see:

- Desktop Reports
- Server Reports

If the user account has full access to the site, they will see:

- Desktops
- Servers
- Network Devices
- Backup Solutions

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Privacy Information

The system contains personal information of the partner’s customer contacts. Both the partner and partner’s customers use this information to maintain communication and to allow each party access to information about the environment and activities at the partner’s customers’ site. The end user portal may store the following information:

- First Name, Last Name
- Mailing Address
- Business Phone
- Mobile Phone
- Computer Name
- Computer IP address
- Computer MAC address
- Computer access password

Computer name, IP address, and Mac address are collected via agents that are installed and run-on partner customer endpoints.

Overview of the CW-SSO System

ConnectWise Single Sign-On (SSO) is an authentication method that allows user to login once to access multiple ConnectWise products without having to login to each application. The user will be authenticated for each of the applications that they have been given rights to access. This process will allow for a more seamless and secure experience as each user will not have to login to individual applications.

Google Authenticator, Microsoft Authentication, and Duo can be set up on the ConnectWise Partner Portal for multi-factor authentication (MFA).

C. System Overview

1. Infrastructure and Software

The BrightGauge platform is built and hosted in AWS. The following table describes the in-scope components supporting the BrightGauge platform:

System/Application	Description	Infrastructure
BrightGauge	Hosting the web application, serving static files and proxying back-end application requests. Back-end application is implemented in Python, and the front-end is implemented in HTML and JavaScript.	EC2 Apache Servers
	Process asynchronous tasks (functions) from queues. Work is added to queues from scheduled cron scripts and as a result of user-driven requests from the BrightGauge web application.	EC2 Celery Workers

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ConnectWise BrightGauge, ITBoost, Cloud Billing, Identify Assessment, Co-Managed Backup, PSA, CPQ, CW-RMM, and CW-SSO Systems

System/Application	Description	Infrastructure
	Host customer datasets and Service Gauge SQL queries.	EC2 Postgres SQL Foreign Data Wrapper (FDW) servers
	Application database is hosted in AWS RDS and holds the web applications operational data. Raw data is eventually transformed and pulled into the EC2 PostgreSQL FDWs for use in Gauges.	RDS Postgres Application DB
	Web requests to the BrightGauge web application flow through the AWS Elastic Load Balancer (ELB). This is the customer-facing entry point into the back-end, distributing requests across the fleet of EC2 Apache web servers.	Elastic Load Balancing
	Handling of work queue for eventual processing.	ElastiCache Redis Queue
	Two NAT gateways in the production AWS VPC, one in each of the two availability zones within the US-East-1 region.	NAT Gateway
	AWS threat detection.	CloudTrail
	AWS account monitoring.	Sumo Logic
	Portal to provide information, KPI reports, and option to set goals to measure their team's performance and an option to send their reports to the team or to auto generate client reports.	Application Infrastructure

The ITBoost system is built and hosted in AWS. The following table describes the in-scope components supporting the ITBoost system:

System/Application	Description	Infrastructure
ITBoost	Documentation, Dash boarding and KPI Tracking.	Amazon AWS, MongoDB, Elasticsearch

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Cloud Billing is a cloud-based SaaS application that is built and hosted solely in AWS. Partners connect to Cloud Billing using their web browser. The following table describes the in-scope components supporting the Cloud Billing SaaS system:

System/Application	Description	Infrastructure
Cloud Billing	Billing, Management and Monitoring software.	ECS, docker containers, and MongoDB database

ConnectWise Identify Assessment is a cloud-based multi-instance SaaS application that is hosted in AWS. The following table describes the in-scope components supporting the ConnectWise Identify Assessment SaaS system:

System/Application	Description	Infrastructure
ConnectWise Identify Assessment	Risk Assessment Tool.	AWS Linux AMI, Aurora SQL database

Co-Managed Backup is built and hosted in IBM SoftLayer. The following table describes the in-scope components supporting the Co-Managed Backup system:

System/Application	Description	Infrastructure
Co-Managed Backup	Data protection (Backup and Restore/Recovery), backup data management software and appliance.	<ul style="list-style-type: none">• Ubuntu 20.04 Server appliance.• Agent Application support almost all Windows & Linux flavors.• Cloud Integration – Ubuntu Server Appliances running in IBM SoftLayer cloud.

PSA is a cloud-based SaaS application that is hosted solely in AWS. Partners connect to PSA either using a desktop client or their web browser. PSA uses a multi-tenant web server. However, each partner has their own database instance. The following table describes the in-scope components supporting the PSA SaaS system:

System/Application	Description	Infrastructure
PSA	Project Management, Help Desk, and Client Management software.	Windows Server 2019 R2 or newer. Each instance has a Microsoft SQL Server Database. The web application runs on Windows Server 2019 and uses IIS.

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CPQ is a cloud-based SaaS application that is hosted solely in Microsoft Azure (Azure). CPQ uses a multi-tenant web server. However, each partner has their own database instance. Partners access ConnectWise CPQ through their web browser. The following table describes the in-scope components supporting the CPQ SaaS system:

System/Application	Description	Infrastructure
CPQ	CPQ runs on Windows Server as does the IIS webserver VM. Each partner has their own Azure SQL database.	Windows Server 2019 and higher. Each server can have up to 75 partners. Each instance has a proprietary webserver, a relay service, and a session manager. Each partner has their own Azure SQL database. The environment also uses Azure App Services, Azure Cloud Services, Azure ServiceBus, Azure LogicApps, etc.

ConnectWise CW-RMM built and hosted in AWS. The following table describes the in-scope components supporting the CW-RMM system:

System/Application	Description	Infrastructure
CW-RMM	Remote Monitoring and Management platform that quickly delivers real efficiencies due to rapid deployment, auto discovery, and intuitive interface.	All micro services are running on Ubuntu 18.0 instances, Cassandra for databases, and Kafka for message queue. All legacy components are using windows Server 2022 R2 with IIS and Microsoft SQL Server 2019.

CW-SSO is a framework developed by the Organization for the Advancement of Structured Information Standards to standardize the communication of user authentication, entitlement, and attribute information.

- Setup SAML (links to SAML section of doc)
- Setup ConnectWise SSO (links to CW-SSO section of doc)

The CW-SSO system is built and hosted in AWS. The following table describes the in-scope components supporting the CW-SSO System:

System/Application	Description	Infrastructure
CW-SSO	ConnectWise Single Sign-On (SSO) is an authentication method that allows user to login once to access multiple ConnectWise Products without having to login to each application	All micro services are running in standard ECS clusters in AWS. Each service has its own database like MSSQL, Postgres, MySQL. We are also using Kafka common clusters and few event based services from AWS like Simple Queue Service (SQS) and Simple Notification Service (SNS). Redis caching is also used. Standard Elasticsearch Logstash Kibana (ELK) stack is used for logging. Dynatrace is used for application monitoring.

The ConnectWise internal network is protected from public internet traffic via stateful inspection firewalls managed by the IT Team. These firewalls are configured to deny all traffic and only allow specific services to a specific destination. Access to administer the firewalls is restricted to personnel in the Cloud Infrastructure group and is commensurate with their job responsibilities. Custom rules are added that govern the allowed inbound traffic to ConnectWise resources. All other inbound traffic is denied. Rules can be modified as needed and new rules are automatically enforced for all existing and future resources.

Encrypted communications are utilized to protect remote internet sessions to the ConnectWise applications and internal network. Encryption is used to help ensure the privacy and integrity of the data being passed over the public network.

Network Security

ConnectWise manages the network security services for their cloud environment. The production infrastructure resides within AWS, Azure, and Markley data centers in multiple availability zones. Partners only have access to their instance. Remote access to the production networks is granted via an encrypted VPN client. A demilitarized zone (DMZ) is implemented in the cloud-hosted environment to limit inbound traffic from the internet to externally facing production servers while restricting direct access to back-end services. Internal or external web application testing is performed annually to detect new and unknown vulnerabilities. Remediation of all critical/high vulnerabilities is tracked within a ticketing system, and a policy is in place for timely remediation of any critical/high noted vulnerabilities.

Security commitments to user entities are documented and communicated in Terms and Conditions and other partner agreements, as well as in the description of the service offerings provided online. Security commitments are standardized and include, but are not limited to, the following:

- Use of encryption technologies to protect partner data stored and in transit and
- Role-based access controls to limit user access to sensitive data.

Security groups are used to provide security at the protocol and port level and are configured to explicitly filter traffic coming into and out of the cloud-hosted environment. A DMZ is implemented in the cloud-hosted environment to limit inbound traffic from the internet to externally facing production servers while restricting direct access to back-end services. The credential and user web interface are secured using encryption techniques (HTTPS). ConnectWise's management establishes operational requirements that support the achievement of security commitments, relevant laws and regulations, and other system requirements. Such requirements are communicated through ConnectWise's system policies and procedures, system design documentation, and contracts with partners. Information security policies define an organization-wide approach to how systems and data are protected. These include policies around how the service is designed and developed, how the system is operated, how the internal business systems and networks are managed, and how employees are hired and trained.

Anti-virus is utilized for servers and is centrally managed and configured for real-time protection and logs and reports on metrics such as online status and malicious software detection.

D. Principal Service Commitments and System Requirements

ConnectWise takes security very seriously looking at security as a dynamic threat and continues to work to optimize security for its partners and community. ConnectWise regularly conducts penetration tests that are performed by both internal and external ethical hackers and runs vulnerability assessments on their systems and products on a consistent basis. ConnectWise products are subject to multiple layers of security from design through testing and into operations. Products' designs are aligned with security leading-practices and undergo security testing prior to release and regularly in production. In addition, ConnectWise's developers complete security training on an annual basis at a minimum.

Security, availability, confidentiality, and privacy commitments to user entities are documented and communicated in Service Level Agreements (SLAs) and other customer agreements, as well as in the description of the service offering provided online. Security, availability, confidentiality, and privacy commitments are standardized and include, but are not limited to, the following:

- The use of security and confidentiality principles that are designed to permit system users to access the information they need based on their role in the system while restricting them from accessing information not needed for their role;
- The use of encryption technologies to protect customer data in transit over untrusted networks;
- The use of reasonable precautions to protect the security and confidentiality of the information that is collected;
- Making commercially reasonable efforts to automatically filter certain personal information collected from the System such as password and account numbers;
- Making commercially reasonable efforts to destroy or encrypt any information that is not filtered automatically; and
- Make commercially reasonable efforts to collect, use, retain, disclose, and dispose of personal information to achieve the Company’s service commitments and system requirements.

ConnectWise establishes operational requirements that support the achievement of security, availability, confidentiality, and privacy commitments, relevant laws and regulations, and other system requirements. Such requirements are communicated in ConnectWise’s system policies and procedures, system design documentation, and contracts with customers. Information security policies define an organization-wide approach to how systems and data is protected.

E. Non-Applicable Trust Services Criteria

Security, Availability, Confidentiality, and Privacy Trust Services Categories		
Non-Applicable Trust Services Criteria		ConnectWise’s Rationale
CC 6.4	The entity restricts physical access to facilities and protected information assets (for example, data center facilities, back-up media storage, and other sensitive locations) to authorized personnel to meet the entity’s objectives.	This criterion is not applicable as ConnectWise leverages only third-party Platform-as-a-Service (PaaS) products for providing customer-related services; therefore, physical access is not applicable as the Company does not maintain any hard copy data or store any customer information in a physical location that the Company controls.
P 1.1	The entity provides notice to data subjects about its privacy practices to meet the entity’s objectives related to privacy. The notice is updated and communicated to data subjects in a timely manner for changes to the entity’s privacy practices, including changes in the use of personal information, to meet the entity’s objectives related to privacy.	This criterion is not applicable to ConnectWise because the Company does not directly interact with the Client’s and Partner’s data subjects who are utilizing the solution. Clients and Partners are the data owner and data controller of all information stored within the solution.

Security, Availability, Confidentiality, and Privacy Trust Services Categories		
Non-Applicable Trust Services Criteria		ConnectWise’s Rationale
P 2.1	The entity communicates choices available regarding the collection, use, retention, disclosure, and disposal of personal information to the data subjects and the consequences, if any, of each choice. Explicit consent for the collection, use, retention, disclosure, and disposal of personal information is obtained from data subjects or other authorized persons, if required. Such consent is obtained only for the intended purpose of the information to meet the entity’s objectives related to privacy. The entity’s basis for determining implicit consent for the collection, use, retention, disclosure, and disposal of personal information is documented.	This criterion is not applicable to ConnectWise because the Company does not directly interact with the Client’s and Partner’s data subjects who are utilizing the solution. Clients and Partners are the data owner and data controller of all information stored within the solution.
P 3.1	Personal information is collected consistent with the entity’s objectives related to privacy.	This criterion is not applicable to ConnectWise because the Company does not directly interact with the Client’s and Partner’s data subjects who are utilizing the solution. Clients and Partners are the data owner and data controller of all information stored within the solution.
P 3.2	For information requiring explicit consent, the entity communicates the need for such consent, as well as the consequences of a failure to provide consent for the request for personal information and obtains the consent prior to the collection of the information to meet the entity’s objectives related to privacy.	This criterion is not applicable to ConnectWise because the Company does not directly interact with the Client’s and Partner’s data subjects who are utilizing the solution. Clients and Partners are the data owner and data controller of all information stored within the solution.

Security, Availability, Confidentiality, and Privacy Trust Services Categories		
Non-Applicable Trust Services Criteria		ConnectWise’s Rationale
P 5.1	The entity grants identified, and authenticated data subjects the ability to access their stored personal information for review and, upon request, provides physical or electronic copies of that information to data subjects to meet the entity’s objectives related to privacy. If access is denied, data subjects are informed of the denial and reason for such denial, as required, to meet the entity’s objectives related to privacy.	This criterion is not applicable to ConnectWise because the Company does not directly interact with the Client’s and Partner’s data subjects who are utilizing the solution. Clients and Partners are the data owner and data controller of all information stored within the solution.
P 5.2	The entity corrects, amends, or appends personal information based on information provided by data subjects and communicates such information to third parties, as committed or required, to meet the entity’s objectives related to privacy. If a request for correction is denied, data subjects are informed of the denial and reason for such denial to meet the entity’s objectives related to privacy.	This criterion is not applicable to ConnectWise because the Company does not directly interact with the Client’s and Partner’s data subjects who are utilizing the solution. Clients and Partners are the data owner and data controller of all information stored within the solution.
P 6.2	The entity creates and retains a complete, accurate, and timely record of authorized disclosures of personal information to meet the entity’s objectives related to privacy.	This criterion is not applicable to ConnectWise because the Company does not directly interact with the Client’s and Partner’s data subjects who are utilizing the solution. Clients and Partners are the data owner and data controller of all information stored within the solution. ConnectWise does not perform any authorized disclosures of Partner information.
P 6.6	The entity provides notification of breaches and incidents to affected data subjects, regulators, and others to meet the entity’s objectives related to privacy.	This criterion is not applicable to ConnectWise because the Company does not directly interact with the Client’s and Partner’s data subjects who are utilizing the solution. Clients and Partners are the data owner and data controller of all information stored within the solution.

Security, Availability, Confidentiality, and Privacy Trust Services Categories		
Non-Applicable Trust Services Criteria		ConnectWise’s Rationale
P 6.7	The entity provides data subjects with an accounting of the personal information held and disclosure of the data subjects’ personal information, upon the data subjects’ request, to meet the entity’s objectives related to privacy.	This criterion is not applicable to ConnectWise because the Company does not directly interact with the Client’s and Partner’s data subjects who are utilizing the solution. Clients and Partners are the data owner and data controller of all information stored within the solution.
P 7.1	The entity collects and maintains accurate, up-to-date, complete, and relevant personal information to meet the entity’s objectives related to privacy.	This criterion is not applicable to ConnectWise because the Company does not directly interact with the Client’s and Partner’s data subjects who are utilizing the solution. Clients and Partners are the data owner and data controller of all information stored within the solution.

F. Subservice Organizations

The Company utilizes subservice organizations to perform certain functions. The description includes only the policies, procedures, and control activities at the Company and does not include the policies, procedures, and control activities at the third-party subservice organizations described below. The examination by the Independent Service Auditor did not extend to the policies and procedures at these subservice organizations.

Complementary subservice organization controls, controls that management of the service organization assumes will be implemented by the subservice organization and are necessary to achieve the service organization’s service commitments and system requirements based on the applicable trust services criteria, along with the associated subservice organizations, are included within the table below. Management also describes the activities performed to monitor the effectiveness of controls at the subservice organization. Each user entity’s internal control must be evaluated in conjunction with the Company’s controls and taking into account the related complementary subservice organization controls expected to be implemented at the subservice organization as described below.

Subservice Organization	Services Provided/Complementary Controls/Monitoring Controls	Associated Criteria
Amazon Web Services	The Company uses Amazon AWS Elastic Compute Cloud (Amazon EC2) services for its third-party hosting of servers and equipment in an Infrastructure-as-a-Service environment for the Identify Assessment, BrightGauge, Cloud Billing, CW-RMM, IT Boost, PSA, and CW-SSO Systems, including the restriction of physical access to the defined system including, but not limited to, facilities, backup media, and other system components such as firewalls, routers, and servers. The Company also uses the AWS Simple Storage Service (S3) as a Platform-as-a-Service, more specifically a Database-as-a-Service. Amazon S3 provides object storage through a web service interface. The following control activities are critical to achieving the Applicable Trust Services Criteria: <ul style="list-style-type: none"> Controls over the underlying infrastructure and Data Centers supporting the Identify Assessment, BrightGauge, Cloud Billing, CW-RMM, IT Boost, PSA, and CW-SSO production environments 	CC 5.2* CC 6.1* CC 6.2* CC 6.3* CC 6.4 CC 6.5* CC 6.6* CC 6.7* CC 6.8* CC 7.1* CC 7.2* CC 7.3*

Subservice Organization	Services Provided/Complementary Controls/Monitoring Controls	Associated Criteria
	<p>including environmental safeguards such as UPS, backup generators, and fire suppression;</p> <ul style="list-style-type: none"> • Controls over managing infrastructure security such as physical servers and physical access to backups and facilities; • Controls over the change management processes for the physical servers supporting the Infrastructure-as-a-Service Platform; • Controls over the configuration settings within the EC2 instance to ensure that data is encrypted and stored as per the configuration settings selected with AWS; • Controls over incident monitoring, response, and follow up; • Controls over managing the Platform-as-a-Service components for AWS S3 such as physical servers and operating systems including applying critical patching for this infrastructure; • Controls over AWS S3 including operating system installation and patches; database software installation and patches; and routers/firewalls monitoring and maintenances; • Controls over AWS S3 redundancy, including controls over data replication; and • Controls over the change management processes for the AWS Infrastructure-as-a-Service Platform and the Platform-as-a-Service Platform (AWS S3) components as applicable. <p>In addition, the Company has identified the following control activity to help monitor the subservice organization:</p> <ul style="list-style-type: none"> • Vendor risk assessments are performed for all critical vendors annually. As a part of this assessment, the InfoSec team verifies critical vendors' compliance with frameworks such as the General Data Protection Regulation (GDPR), SOC 2 Type II, and ISO 27001 to assess their security benchmarks in terms of security commitment. 	<p>CC 7.4* CC 7.5* CC 8.1* CC 9.1* CC 9.2* A 1.1* A 1.2* A 1.3* C 1.1* C 1.2* P 4.2* P 4.3* P 6.6</p>
<p>Microsoft Azure</p>	<p>The Company uses Microsoft Azure’s Platform-as-a-Service for its third-party hosting of servers and equipment, including the restriction of physical access to the defined system including for the CPQ System, but not limited to, facilities, backup media, and other system components such as firewalls, routers, and servers. The Company also uses the Azure SQL Database, which is a Platform-as-a-Service or more specifically a Database-as-a-Service. The following control activities are critical to achieving the Applicable Trust Services Criteria:</p> <ul style="list-style-type: none"> • Controls over the underlying infrastructure and Data Centers supporting the CPQ production environment including environmental safeguards such as UPS, backup generators, and fire suppression; • Controls over managing the security of infrastructure and software including Azure SQL Database service such as physical servers and physical access to backups and facilities; • Controls over the change management processes for the software and infrastructure supporting the platform including Azure SQL Database; 	<p>CC 5.2* CC 6.1* CC 6.2* CC 6.3* CC 6.4 CC 6.5* CC 6.6* CC 6.7* CC 6.8* CC 7.1* CC 7.2* CC 7.3* CC 7.4* CC 7.5* CC 8.1* CC 9.1*</p>

Subservice Organization	Services Provided/Complementary Controls/Monitoring Controls	Associated Criteria
	<ul style="list-style-type: none"> • Controls over incident monitoring, response, and follow up; • Controls over the prevention, detection, and follow up upon the introduction of malicious software; • Controls over Azure Storage redundancy, including controls over data replication; • Controls over the encryption of transmitted and stored data within the platform including Azure SQL Database service; and • Controls over managing patching for the software and infrastructure supporting the platform, including Azure SQL Database. <p>In addition, the Company has identified the following control activity to help monitor the subservice organization:</p> <ul style="list-style-type: none"> • Vendor risk assessments are performed for all critical vendors annually. As a part of this assessment, the InfoSec team verifies critical vendors' compliance with frameworks such as the General Data Protection Regulation (GDPR), SOC 2 Type II, and ISO 27001 to assess their security benchmarks in terms of security commitment. 	<p>CC 9.2* A 1.1* A 1.2* A 1.3* C 1.1* C 1.2* P 4.2* P 4.3* P 6.6</p>
<p>IBM SoftLayer</p>	<p>The Company uses IBM SoftLayer for its third-party hosting of services and equipment in an Infrastructure-as-a-Service environment for the Co-Managed Backup System, including restriction of physical access to the defined system including, but not limited to, facilities, backup media, and other system components such as firewalls, routers, and servers. The following control activities are critical to achieving the Applicable Trust Services Criteria:</p> <ul style="list-style-type: none"> • Controls around the underlying infrastructure and data centers supporting the ConnectWise Co-Managed Backup production environment including environmental safeguards such as UPS, backup generators, and fire suppression; • Controls over managing infrastructure such as physical servers and physical access to backups and facilities; • Controls around storage redundancy, including controls over data replication, physical access to storage systems, system installation and patching, and system configuration; • Controls over Infrastructure-as-a-Service (IaaS) components including incidents related to security and availability including responding to items identified; • Controls over the database including database backups, operating system installation and patches, encryption, database software installation and patches, and routers/firewalls monitoring and maintenances; and • Controls around the change management processes for the IBM SoftLayer IaaS Infrastructure-as-a-Service components as applicable. <p>In addition, the Company has identified the following control activity to help monitor the subservice organization:</p>	<p>CC 5.2* CC 6.1* CC 6.2* CC 6.3* CC 6.4 CC 6.6* CC 6.7* CC 6.8* CC 7.1* CC 7.2* CC 7.3* CC 7.4* CC 7.5* CC 8.1* CC 9.1* A 1.1* A 1.2* A 1.3* C 1.1*</p>

ConnectWise, LLC

SOC 3[®] Report - SOC for Service Organizations: Trust Services Criteria for General Use

ConnectWise BrightGauge, ITBoost, Cloud Billing, Identify Assessment, Co-Managed Backup, PSA, CPQ, CW-RMM, and CW-SSO Systems

Subservice Organization	Services Provided/Complementary Controls/Monitoring Controls	Associated Criteria
	<ul style="list-style-type: none"> Vendor risk assessments are performed for all critical vendors annually. As a part of this assessment, the InfoSec team verifies critical vendors' compliance with frameworks such as the General Data Protection Regulation (GDPR), SOC 2 Type II, and ISO 27001 to assess their security benchmarks in terms of security commitment. 	
Markley, LLC	<p>The Company uses Markley, LLC for third-party Backup-as-a-Service (BaaS), Disaster Recovery-as-a-Service (DRaaS), and Storage-as-a-Service (STaaS) for the CW-RMM System, including restriction of physical access to the defined system including, but not limited to, facilities, backup media, and other system components such as firewalls, routers, and servers. The following control activities are critical to achieving the Applicable Trust Services Criteria:</p> <ul style="list-style-type: none"> Controls around the underlying infrastructure and Data Centers supporting the CW-RMM production environment including environmental safeguards such as UPS, backup generators, and fire suppression; Controls over managing infrastructure such as physical servers and physical access to backups and facilities; Controls around storage redundancy, including controls over data replication, physical access to storage systems, system installation and patching, and system configuration; Controls over BaaS, DRaaS and STaaS components including incidents related to security and availability including responding to items identified; Controls over the database including database backups, operating system installation and patches, encryption, database software installation and patches, and routers/firewalls monitoring and maintenances; Controls around the change management processes for the Markley Colocation and Data Center Hosting components as applicable. <p>In addition, the Company has identified the following control activity to help monitor the subservice organization:</p> <ul style="list-style-type: none"> Vendor risk assessments are performed for all critical vendors annually. As a part of this assessment, the InfoSec team verifies critical vendors' compliance with frameworks such as the General Data Protection Regulation (GDPR), SOC 2 Type II, and ISO 27001 to assess their security benchmarks in terms of security commitment. 	<p>CC 5.2* CC 6.4 CC 6.8* CC 7.5* CC 8.1* CC 9.1* A 1.1* A 1.2* A 1.3* C 1.1* P 4.2*</p>

** The achievement of design and operating effectiveness related to this criterion assumes that the complementary controls at this subservice organization that support the service organization's service commitments and system requirements are in place and are operating effectively.*

G. User Entity Controls

ConnectWise’s controls relating to the system cover only a portion of the overall internal control structure of each user entity of the Company. It is not feasible for the Company’s service commitments and system requirements to be achieved based on the applicable trust services criteria solely by the Company. Therefore, each user entity’s internal control must be evaluated in conjunction with the Company’s controls and taking into account the related complementary user entity controls identified within the table below, where applicable. As applicable, suggested control considerations and/or complementary user entity controls and their associated criteria have been included within the table below.

Management has highlighted criterion in which complementary user entity controls were assumed in the design of the Company’s system with an asterisk. In order for user entities to rely on the controls reported on herein, each user entity must evaluate its own internal control environment to determine if the identified complementary user entity controls have been implemented and are operating effectively.

Furthermore, the table below includes suggested control considerations that the Company believes each user organization should consider in developing their internal controls or planning their audits that are relevant to the Company’s controls detailed in this report, however, such control considerations are not required to achieve design or operating effectiveness for the Company’s service commitments and system requirements based on the applicable trust services criteria. The following list of suggested control activities is intended to address only those policies and procedures surrounding the interface and communication between the Company and each user entity. Accordingly, this list does not allege to be, and is not, a complete listing of all the control activities which provide a basis for the assertions underlying the control environments for the Company’s user entities.

User Entity Control	Associated Criteria
User entities are responsible for ensuring that appropriate individuals have the requisite training on ConnectWise software.	CC 2.3
User entities are responsible for informing ConnectWise of any regulatory issues that may affect the services provided by ConnectWise to the user entity.	CC 2.3
User entities are responsible for understanding and complying with their contractual obligations to ConnectWise.	CC 2.3
User entities are responsible for notifying ConnectWise personnel, in a timely manner, when changes are made to technical, billing, or administrative contact information.	CC 6.1
User entities are responsible for implementing a security infrastructure and practices to prevent unauthorized access to their internal network and to limit threats from connections to external networks.	CC 6.1 CC 6.2 CC 6.3 CC 6.6
User entities are responsible for ensuring that user IDs and passwords are assigned only to authorized individuals and that the roles assigned to the user accounts are appropriate through the use of administrative accounts provided by ConnectWise.	CC 6.1* CC 6.2* CC 6.3*
User entities are responsible for ensuring the confidentiality of any user IDs and passwords assigned to them for use with ConnectWise’s systems.	CC 6.1* CC 6.2* CC 6.3* C 1.1*

ConnectWise, LLCSOC 3[®] Report - SOC for Service Organizations: Trust Services Criteria for General Use

ConnectWise BrightGauge, ITBoost, Cloud Billing, Identify Assessment, Co-Managed Backup, PSA, CPQ, CW-RMM, and CW-SSO Systems

User Entity Control	Associated Criteria
User entities are responsible for the administration of user access for the ConnectWise applications.	CC 6.1* CC 6.2* CC 6.3*
User entities are responsible for configuring password parameters for the ConnectWise BrightGauge, ITBoost, Cloud Billing, Identify Assessment, Co-Managed Backup, PSA, CPQ, CW-RMM, and CW-SSO Systems.	CC 6.1*
User entities are responsible for responding to alert notifications.	CC 7.1
User entities are responsible for applying changes to the production environment or for granting access to ConnectWise employees to apply changes to production.	CC 7.1 CC 8.1*
User entities are responsible for ensuring that the software is configured and functioning per their requirements and notifying ConnectWise personnel in a timely manner of any issues.	CC 7.1 CC 7.2
User entities are responsible for immediately notifying ConnectWise personnel of any actual or suspected information security breaches, including compromised user accounts.	CC 7.2 CC 7.3 CC 7.4 CC 7.5
User entities are responsible for developing their own disaster recovery and business continuity plans that address their inability to access or utilize ConnectWise's services.	CC 7.5 A 1.3
User entities are responsible for determining whether ConnectWise's security infrastructure is appropriate for its needs and for notifying ConnectWise personnel of any requested modifications.	CC 8.1

** The achievement of design and operating effectiveness related to this criterion assumes that the complementary user entity controls that support the service organization's service commitments and system requirements are in place and are operating effectively.*

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