



Cognizant Privileged Access Management-as-a-Service

Tighter security, lower cost, faster time to value from a best-in-class privileged account protection solution.

The privileged user challenge

Privileged accounts are everywhere in the organization, governing access to every networked device, database, application and server operating on-premises and in the cloud. They give privileged users such as administrators and business managers the highest levels of access and control over applications and the underlying IT infrastructure so they can keep operations running securely and efficiently.

Privileged accounts must be created, managed and audited with special care because they are the gateway to an organization's most sensitive systems and data. However, many enterprises struggle with privileged access management (PAM) for a number of reasons, including:

- Human error or malfeasance that improperly grants privileged access to those who should not have it.
- Overly complex IT infrastructure and technology sprawl that makes it costly and time-consuming to manage privileged access.
- The difficulty of finding the skilled workers needed to effectively manage a PAM solution.
- The cost, time and effort of complying with numerous and ever-changing private and

governmental regulatory requirements.

- A reliance on manually intensive, error-prone processes to manage privileged credentials that increases costs and risk while reducing efficiency.
- An inability to centrally monitor and control privileged sessions, exposing the business to security threats and compliance violations.
- A lack of comprehensive threat analysis tools that makes it impossible to cost-effectively and proactively identify suspicious activities and remediate security incidents.
- The lack of tools and processes to effectively control and audit privileged access to business-critical systems, creating compliance risks and operational complexity.

Privileged access management-as-a-service

Our solution provides secure privileged access management wherever your systems operate in the world, whether in your own data centers, the public cloud or a hybrid combination of both. It not only provides higher levels of protection than many legacy solutions, but with significantly less delay and expense. Since PAMaaS operates in the cloud, it provides the flexibility and scalability necessary to grow as quickly as you need.

Cognizant®

Privileged Access Management-as-a-Service (PAMaaS) from Cognizant Security is a single solution that provides all the planning, implementation and ongoing management needed to protect your most sensitive accounts, delivered in a flexible, as-a-service model. PAMaaS includes an initial assessment conducted by our Identity and Access Management (IAM) consultants that reviews your current capability maturity level and provides a prioritized roadmap for reaching the recommended maturity level. Next, our implementation experts work with your team to deploy, configure and test the PAMaaS solution to ensure it meets your specific needs. Finally, the solution transition to our managed PAMaaS operations team to operate on your behalf.

Pamaas provides you:

- **An initial assessment to understand your capabilities and challenges.** Our consultants work with your team to assess your current privileged access security policies and tools and provide guidance on a plan to achieve the optimal capability level.
- **Isolated, secured privileged user sessions and protection of vital systems from malware on endpoints.** Monitoring and recording capabilities enable security teams to view privileged sessions in real-time, automatically suspend and remotely terminate suspicious sessions, and maintain a comprehensive, searchable audit trail of privileged user activity.
- **Detection, alerting and response to anomalous privileged activity.** PAMaaS collects data from multiple sources and applies a complex combination of statistical and deterministic algorithms to identify malicious privileged account activity.
- **Control of least privilege access for UNIX, Linux and Windows.** The solution allows privileged users to run authorized administrative commands from their native Unix or Linux sessions while eliminating root privileges that could allow unauthorized users to cause substantial damage to critical systems. It also enables organizations to block and contain attacks on Windows servers to reduce the risk of information being stolen or encrypted and held for ransom.

- **Protection for Windows Domain Controllers** by enforcing least privilege and application control on the domain controllers as well as detection of in-progress attacks. It defends against impersonation and unauthorized access and helps protect against a variety of common Kerberos attack techniques including Golden Ticket, Overpass-the-Hash, and Privilege Attribute Certificate (PAC) manipulation.
- **Flexible delivery models to meet your needs.** PAMaaS runs in a highly scalable, cloud-based platform available in multi-or single-tenant options that protects privileged accounts deployed in traditional, public cloud and hybrid environments.

Benefits of pamaas from cognizant security

- **Mitigate security risks** with improved protection against unauthorized privileged account access, impersonation, fraud, and theft. The solution gives you tighter control of access to privileged account passwords and SSH keys, improved defense against malware and attacks and more efficient detection and response to suspicious activity and malicious actions.
- **Faster time-to-value** by protecting and extending previous investments through out-of-the box integration with a wide variety of IT operations and security systems including authentication systems, ticketing solutions and identity and access management platforms.
- **Fast, straightforward installation** by eliminating the need for your team to manually deploy and configure a complex PAM solution in-house.

- **Reduced operational expense and complexity** by eliminating manually intensive, time consuming and error-prone administrative processes. This simplifies operations and improves the efficiency of IT security teams, freeing valuable staff to focus on strategic tasks that support core business activities.
- **Improve security visibility** with understanding of which privileged accounts exist and who has access to them, implementation of well-

informed privileged account security policies and monitoring of real-time and historical activity on privileged accounts.

- **The added assurance** of 24x7x365 Privileged Access Management executed by skilled experts working from highly secure facilities around the globe.

Cognizant Security

Secure your future with a world-class security portfolio

By leveraging our consultative transformation process, managed services expertise and global presence, Cognizant Security moves you to a fully secured and connected business model while strategically addressing the risks, opportunities and threats inherent in the modern business world.

About Cognizant

Cognizant (Nasdaq-100: CTSH) is one of the world's leading professional services companies, transforming clients' business, operating and technology models for the digital era. Our unique industry-based, consultative approach helps clients envision, build and run more innovative and efficient businesses. Headquartered in the U.S., Cognizant is ranked 193 on the Fortune 500 and is consistently listed among the most admired companies in the world. Learn how Cognizant helps clients lead with digital at www.cognizant.com or follow us [@Cognizant](https://twitter.com/Cognizant).

Cognizant

World Headquarters

500 Frank W. Burr Blvd.
Teaneck, NJ 07666 USA
Phone: +1 201 801 0233
Fax: +1 201 801 0243
Toll Free: +1 888 937 3277

European Headquarters

1 Kingdom Street
Paddington Central
London W2 6BD England
Phone: +44 (0) 20 7297 7600
Fax: +44 (0) 20 7121 0102

India Operations Headquarters

#5/535 Old Mahabalipuram Road
Okkiyam Pettai, Thoraipakkam
Chennai, 600 096 India
Phone: +91 (0) 44 4209 6000
Fax: +91 (0) 44 4209 6060