# IdentiFence™

## Cyber Security

With the widespread adoption of cloud, mobility, social media, and the highly interconnected nature of today's businesses, identity has become a new security perimeter. The increasing complexity of access contexts, hybrid IT landscape, multitude of tools and technologies, and increased risk of technology debt have made the traditional approach of implementing and maintaining complex identity and access management (IAM) solutions in-house untenable.

Tata Consultancy Services' (TCS') IdentiFence™, a 360-degree digital identity as a managed service offering, helps enterprises resolve challenges around IAM. Built on leading cloud service providers infrastructure across the globe, IdentiFence allows systems to remain compliant with embedded risk-based automated controls. The solution covers identity governance, privileged access, and web access management rolled out on a flexible managed services framework. Compared to traditional IAM systems, IdentiFence offers faster time-to-market and up to 40% lower entry costs.

# Overview

IAM is a major concern for modern enterprises, given the rapid adoption of cloud, the dependence on hybrid environments, bring your own device/identity (BYOD/I) practices, and strict regulations such as GDPR. Legacy models using passwords and rudimentary authentication systems are not enough. Robust IAM solutions that will combine the different facets of organizational access with ease of governance and cost optimization are needed. Fortunately, TCS IdentiFence allows enterprises to quickly implement IAM without heavy investments or vendor lock-in, addresses pressing IAM control needs in and for the cloud and on-premise workloads, and brings in agility to meet new compliance regulations.

TCS IdentiFence addresses identity perimeter risks via automated security controls. It includes end-to-end IAM capabilities built on the world leading cloud service provider environments, supported by TCS' team of IAM experts. Complex, multi-year IAM programs are no longer required; instead, the solution delivers IAM as modular managed services largely in opex model. IdentiFence digital identity as a managed service platform includes following offerings in a singular solution - Identity Governance and Administration aaMS (IGAaaMS), Privileged Access Management aaMS (PAMaaMS), and Web Access Management aaMS (WAMaaMS).

# Our Solution

As shown in Figure 1, TCS IdentiFence provides the following IAM offerings with rapid application integrations capabilities, across on premise and multi-cloud infrastructure and application workloads:

- **IGAaaMS** for identity governance and administration controls. It automates identity life cycle (joiners-movers-leavers, or JML) processes; ensures risk-based access governance through reviews, SoDs, and role management

- **PAMaaMS** for management of privileged access across infrastructure, applications, and databases. It utilizes privileged passwords, session, keys, and secrets management; conducts privileged threat analytics

- **WAMaaMS** for access management controls for web and mobile applications. It enables customer-facing IAM (CIAM)

TCS IdentiFence platform brings agility and the power of automation and analytics to ensure right access for digital identities to digital assets for desired business outcomes. With TCS-owned cloud infrastructure as a default hosting environment, the platform provides flexible deployment and commercial models. It also offers an AS-IS assessment of customer's in-scope IAM landscape, migration planning, service setup with underlying software/hardware, and operations.
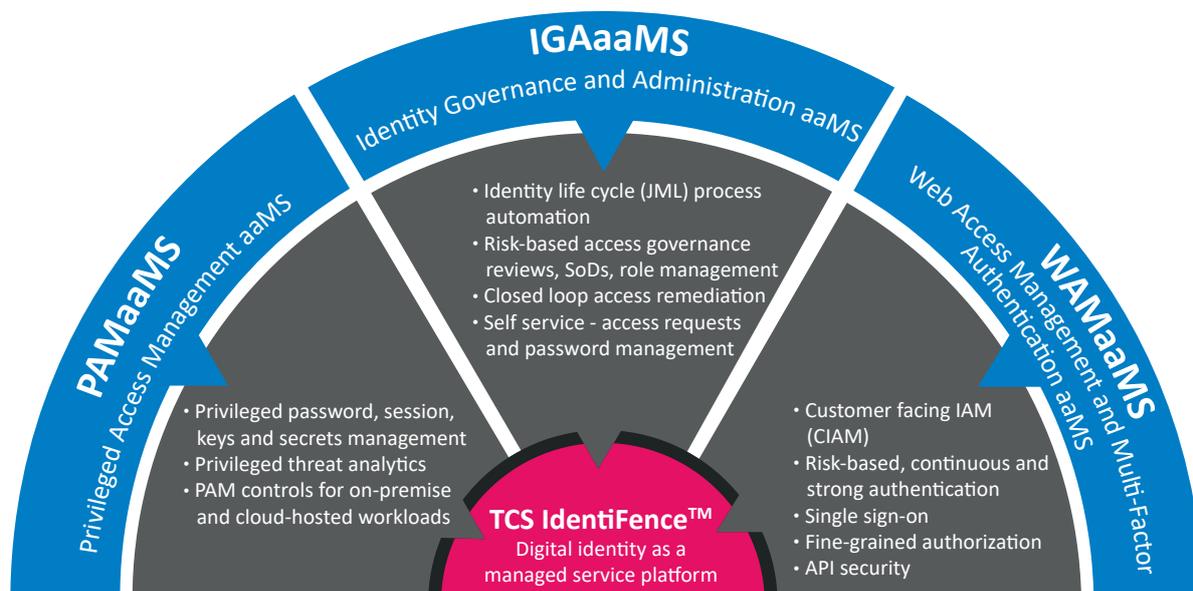


*Figure 1: An overview of TCS IdentiFence*

# Benefits

With IdentiFence, clients can achieve the following benefits:

**Address Unique Business Needs:** enjoy a full spectrum of IAM solution setup, hosting, and managed services to safeguard your identity landscape; scale the environment and respond to organizational changes with a single tenant solution

**Maintain Risk Mitigation and Compliance:** couple security with IAM controls through a risk-driven approach

**Ensure Data Security and Privacy:** leverage our secure design philosophy to prioritize customer data security, privacy, and residency

**Accelerate Value-to-Market:** discover a pre-integrated solution to reduce rollout timeline for critical IAM capabilities (in weeks, not months) and rapidly extend coverage by using factory-based applications on-boarding

**Enhance User Experience:** deliver superior experiences across business, audit, or operations roles; make end-user experiences convenient and secure with federated single sign-on (SSO) at self-service nodes

**Reduce Total Cost of Ownership:** maximize returns by implementing full-fledged IAM solution at a fraction of investments required for initial set-up; pay only for the services selected as per the usage

# The TCS advantage

By partnering with TCS, clients can leverage the following differentiators:

**Rich IAM and Business Domain Experience:** our deep understanding of business processes and regulatory requirements in individual industries and/or geographies helps TCS implement the best-fit IAM solution

**Risk-Managed, Smooth Migration:** TCS works closely with in-house IAM teams to seamlessly transition the existing IAM solution into the digital identity as a managed service platform

**Comprehensive, SLA-Driven Managed Services:** TCS has maintained over 98.5% customer retention ratio, owing to our agile-based service delivery, quickly responding to changing business needs

**Industry-Recognized Expertise:** TCS has been named a leading IAM professional services and consulting firm by Gartner, along with commendations for GDPR and security services from NelsonHall and IDC MarketScape

# TATA CONSULTANCY SERVICES

**To know more**

Visit the https://www.tcs.com/services/cyber-security-future-ready-enterprise page on https://www.tcs.com

Email: cyber.security@tcs.com

**About Tata Consultancy Services Ltd (TCS)**

Tata Consultancy Services is a purpose-led transformation partner to many of the world's largest businesses. For more than 50 years, it has been collaborating with clients and communities to build a greater future through innovation and collective knowledge. TCS offers an integrated portfolio of cognitive powered business, technology, and engineering services and solutions. The company's 469,000 consultants in 46 countries help empower individuals, enterprises, and societies to build on belief.

Visit **www.tcs.com** and follow TCS news **@TCS_News**.