MANAGED SECURITY SERVICES: IDENTITY AS A SERVICE

TATA COMMUNICATIONS' IDENTITY AS A SERVICE ACCELERATES ENTERPRISE DIGITAL TRANSFORMATION WITH SECURE, INTEGRATED CONNECT-EVERYTHING ACCESS.

IDENTITY IS THE NEW SECURITY PERIMETER AND THE KEY TO SECURE ACCESS ACROSS PRIVATE INFRASTRUCTURE, PUBLIC CLOUD, MOBILE, AND IOT.

The rise of cloud, mobile and IoT technologies holds unprecedented opportunities for Enterprise digital transformation but also presents security issues. With secure access, you can integrate identity across all cloud, mobile and legacy resources. Tata Communications' Identity as a Service allows you to:

- **Connect Everything:** Connect all applications, both inside and outside the organization, and have secure access for all user types from any location within a single infrastructure

- **Secure Everyone:** Enterprise-wide security to grant or deny access to employees, partners and customers

- **Integrate Everywhere:** 100% open standards-based implementation ensures maximum interoperability and turn key integration across private, public cloud, mobile, and IoT

MAKE IDENTITY KEY TO SECURITY

The intersection of mobile, social and cloud offers unprecedented visibility and opportunities for the enterprise, but has also created an environment with multiple, increasingly disparate user identities across touch points—placing additional barriers between your customers and your organization. As we move toward a completely connected and always-on world, effective identity and access management (IAM) is critical.

By putting identity at the centre of an organization's security, an identity management solution should not only keep out the bad guys, but enable the right users to access to the right resources from anywhere, with any device. The solution should ensure that employees, contractors, suppliers, distributors, customers and consumers are continuously verified as authentic and trusted while providing appropriate and secure access to cloud, mobile, private network, and legacy applications.

MANY IDENTITY TYPES
Workforce, customers, partners
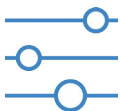
MANY ENVIRONMENTS
Windows, Linux, mobile & more

MULTIPLE DEVICES
Tablet, phones, laptops, connected appliances

MULTIPLE DOMAINS
Microsites, acquired domains, partner domains

ATTRIBUTES EVERYWHERE
Time, context, geolocation, user behavior

DIFFERENT INFRASTRUCTURES
Data centers, private cloud, public cloud

APPLICATIONS DISTRIBUTED
Time, context, geolocation, user behavior

MANY PROTOCOLS
SAML, OpenID Connect, Oauth, SCIM, FIDO

INTRODUCING TATA COMMUNICATIONS' IDENTITY AS A SERVICE

Tata Communications has partnered with Ping Identity to deliver Identity as a Service (IDaaS) for our customers. Key functionality includes:

- **Single Sign-on (SSO):** Easy, fast and secure access to all SaaS, mobile, and enterprise applications using corporate or social media sign-on credentials across employees, partners and customers.

- **Multi-factor Authentication (MFA):** Adaptive authentication methods with options to step up as risk increases based on situational changes, user behaviour or application sensitivity

- **Access Security:** Policy-based access management for applications and APIs to enhance security beyond single sign-on

- **Directory Services:** Optional cloud directory to support customers and/or partners.

- **Provisioning:** User data synchronization across web and enterprise applications.

WHAT IS IDENTITY AS A SERVICE?

Identity as a Service primarily provides secure access in a hybrid cloud and on-site delivery model. The cloud-based service provides an interface for employees, customers and partners to access applications.

Minimize Complexity: IDaaS reduces identity and access management complexity by deploying on the cloud and using open standards to integrate SaaS and legacy applications.

Extend Secure Access to Consumers and Partners: Using the cloud and a single interface for employees, customers and partners, IDaaS provides full access control, reporting, and audit capabilities across all users.

Cloud, Mobile, IoT-Ready: IDaaS has out-of-the-box integration for cloud, mobile and IoT.

CONNECT, SECURE AND INTEGRATE

Tata Communications Identity as a Service (IDaaS) connects users to applications with centralized secure single sign-on via the IDaaS web portal or mobile app and integrates with your existing portal. Secure role-based access for employees, customers and partners ensures that they will only be shown their accessible applications. IDaaS provides secure access with authentication, provisioning and reporting for:

- Employees using Software as a Service applications

- Consumers using on-site and cloud enabled business applications

- Legacy applications deployed on-site within a customer environment

AUTHENTICATION

Contextual, adaptive authentication and integration support for 3rd party authentication services

ON-SITE APPLICATION INTEGRATION

Single sign-on for legacy applications and between applications using different standards

AUTHORIZATION ENFORCEMENT

Access control with attribute-based access control for Web and APIs

REPORTING & ANALYTICS

Detailed audit trail of single sign-on transactions and out-of-the-box reports for actionable insights

CLOUD DIRECTORY

Use a cloud-based directory for user profile and identify information storage
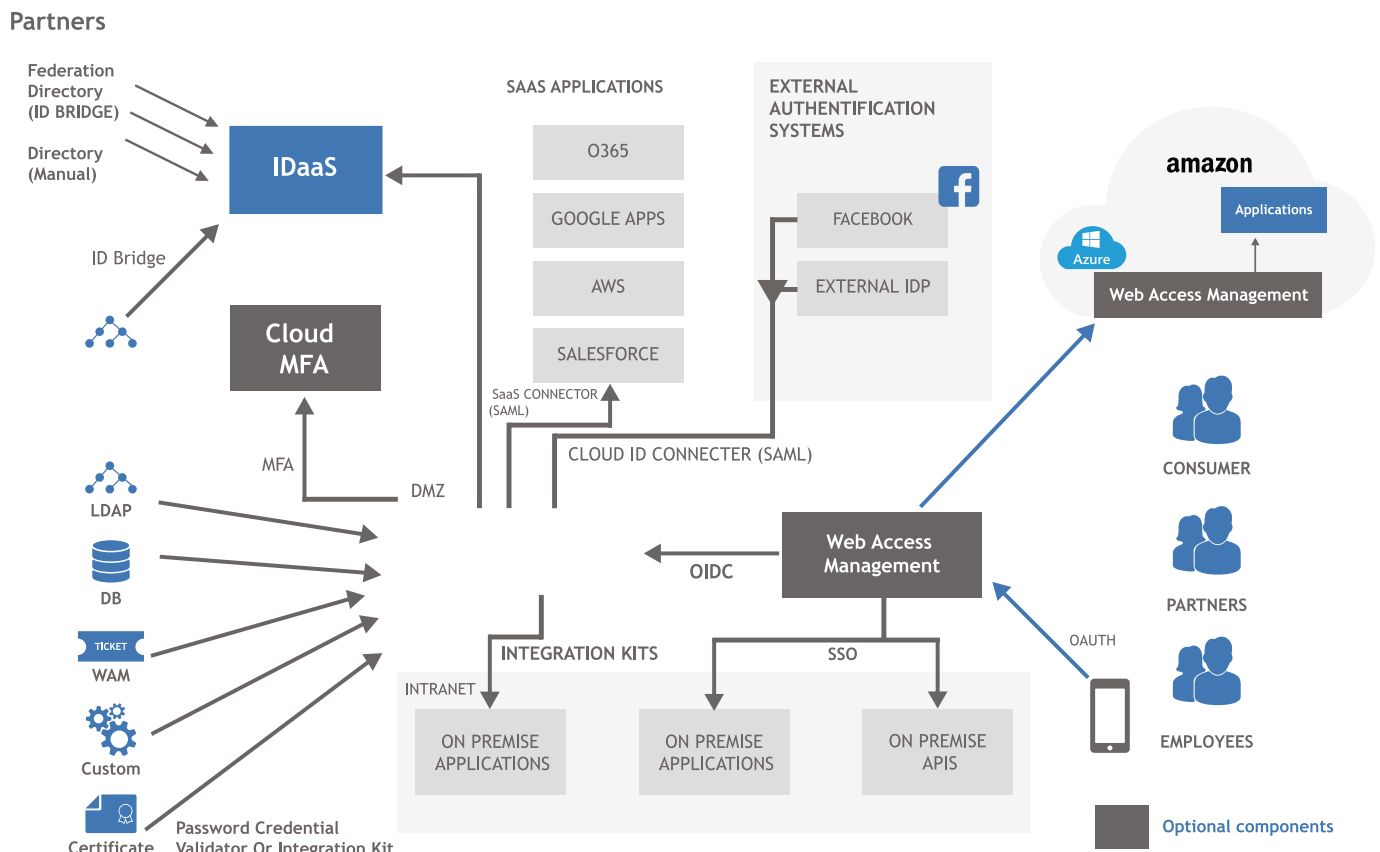
SOCIAL IDENTITY INTEGRATION

Social registration, login, and identity with Enterprise identities for Facebook, Twitter, Google, LinkedIn, etc.

MOBILE DEVICE INTEGRATION

Single sign-on for native mobile applications

SAAS APPLICATION INTEGRATION

Single sign-on, provisioning and de-provisioning for SaaS applications including Salesforce, Box, AWS, etc.

BENEFITS OF TATA COMMUNICATIONS' IDAAS

EMPLOYEES

SECURE ACCESS

Improve productivity
Enable secure single sign-on
to all applications

Strengthen security
Add contextual MFA
to secure access

PARTNERS

SELF-SERVICE ACCESS

Simplify on-boarding
Give partners self-service user
management & access control

Reduce risk
Automate partner
on-boarding
& de-provisioning

CUSTOMERS

ENGAGEMENT

Streamline customer experience
Provide a single consistent
login experience across the omni
channel.

Accelerate engagement
Enable social logins,
personalization, self-service
registration

Get in touch today to learn more about how Tata Communications' Managed Services for Microsoft Azure
can give your Enterprise the competitive edge.

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About Tata Communications

Tata Communications Limited (CIN no: L64200MH1986PLC039266) along with its subsidiaries
(Tata Communications) is a leading global provider of A New World of Communications™. With a leadership position in emerging markets, Tata Communications leverages its advanced solutions capabilities and domain expertise across its global and pan-India network to
deliver managed solutions to multi-national enterprises, service providers and Indian consumers.

The Tata Communications global network includes one of the most advanced and largest submarine cable networks and a Tier-1 IP network, as well as nearly 1.5 million square feet of data centre and collocation space worldwide.

Tata Communications' depth and breadth of reach in emerging markets includes leadership in Indian enterprise data services and leadership in global international voice.

Tata Communications Limited is listed on the Bombay Stock Exchange and the National Stock Exchange of India.

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