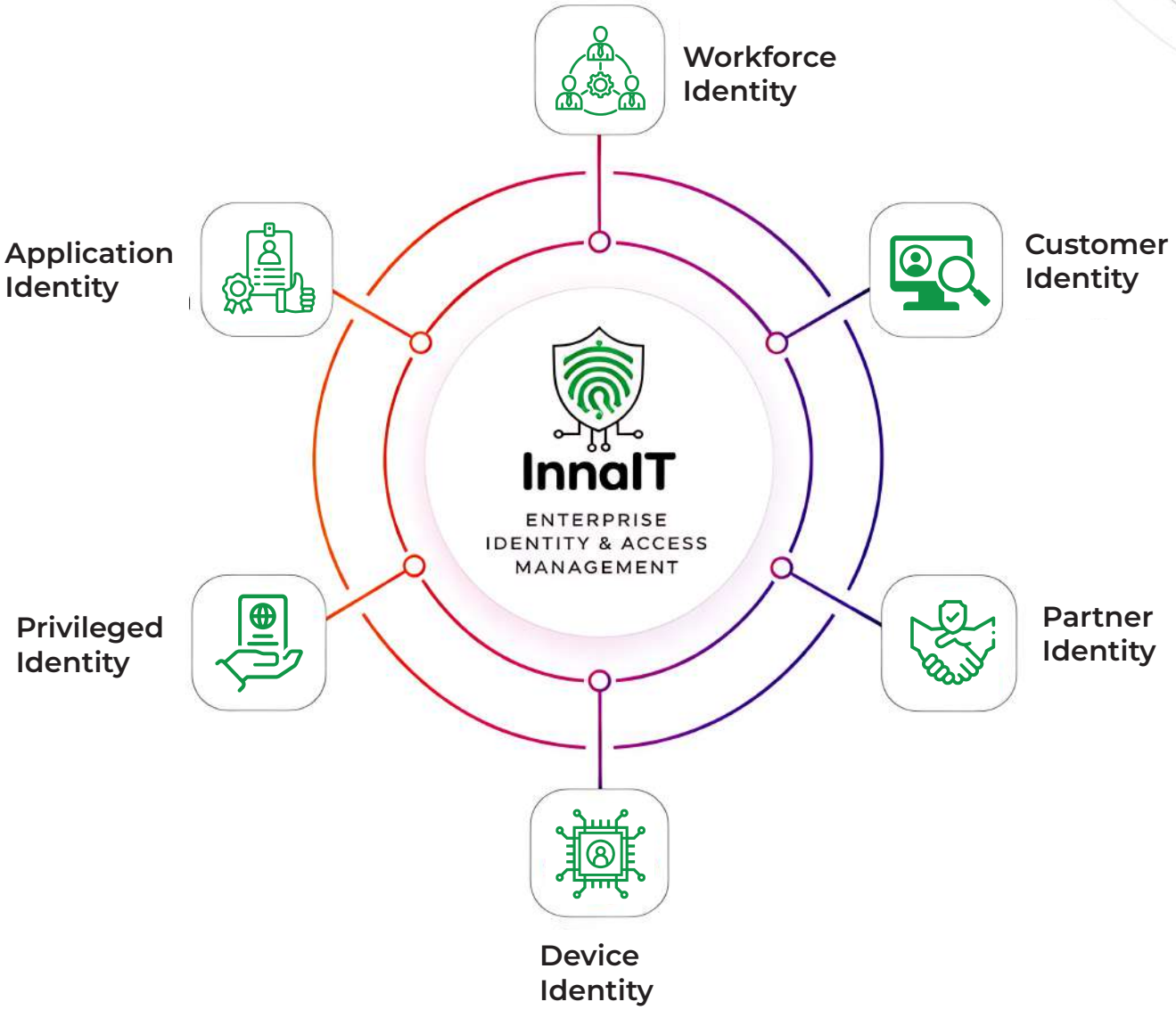
InnalT IDENTITY SECURED | PRECISION BIOMETRIC

One platform for **workforce identity and access.**

Connected authentication, access control, governance and privileged access—for the entire employee lifecycle.



MODULAR | SECURE | GOVERNED

Passwords, OTPs, PINs and manual access processes **leave gaps that attackers exploit.**

INR 25.5 crore
was the average cost of a data breach in India in 2026, an all-time high.
Source: IBM Cost of a Data Breach 2026

19%
of breaches began with phishing, including voice and SMS phishing: the most common initial attack vector.
Source: IBM Cost of a Data Breach 2026

INR 48,021 crore
was involved in bank frauds reported to the RBI in FY26, even as cases fell 57%.
Source: RBI Annual Report 2025–26

5.7 lakh
cyber incidents in the banking sector were detected by CERT-In in 2025.
Source: CERT-In, Rajya Sabha, Aug 2026

700+
unauthorised API transfers reportedly cost two NBFCs US$2 million in October 2026.
Source: media reports, October 2026

3 Dec 2026
is the RBI deadline for new API safeguards. DPDP duties apply from 13 May 2027.
Sources: media reports; DPDP Rules 2025

01 Credentials are exploited.
Passwords, OTPs and PINs can be phished, shared or reused.

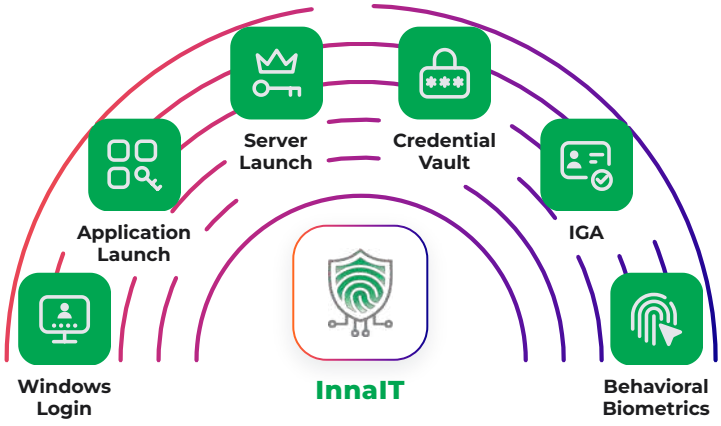
02 User access outlives its purpose.
Manual processes miss access that should end when people change roles or leave.

03 Privileged sessions are hard to audit.
Administrator access to servers, databases and firewalls is difficult to control and review.

04 Legacy applications stay exposed.
Systems that cannot support modern authentication still depend on passwords.

05 Sign-in is a one-time check.
Traditional authentication stops at sign-in; nothing confirms who is using the session afterwards.

InnaIT addresses each of these gaps with a dedicated module.



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InnaIT at a glance

Pronounced "innate", it is an enterprise-grade, home-grown identity and access management (IAM) solution stack, made up of modules that each solve multiple access problems. Atmanirbhar by design, it is a CERT-In certified and patented Made-in-India solution with no cross-border technology.

6 modules

2 security keys

1 mobile app for Android and iOS

13+ ways to authenticate

How it works

1. **Select your modules.**
   Match each module to an access need, from application sign-in to privileged server access.

2. **Equip your users.**
   Issue InnaITKeys, the InnaIT Authenticator app, or both.

3. **Verify every sign-in.**
   Users confirm their identity with a fingerprint or face. The InnaIT server then applies your access policies before it grants entry.

4. **Track audit trails.**
   InnaIT maintains non-repudiable audit logs and reports for continuous monitoring.

5. **Keep verifying after sign-in.**
   InnaIT continuously learns and observes user behaviour patterns, and asks for biometric verification if a trust score falls below a set threshold.

STANDARDS AND COMPLIANCE

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What we **offer**

All 6-in-1 modular solution

Six modules, one solution: biometric sign-in for Windows PCs and applications, recorded privileged server access, a credential vault for legacy applications, automated access from joining to leaving, and continuous verification.

Windows Login

WHAT IT DOES

Secures sign-in to client PCs with the InnaIT Windows Credential Provider.

WHAT YOU GAIN

Verified sign-in works for local and domain accounts, on domain-joined and workgroup PCs. A Microsoft Entra ID route is also available.

Application Launch

WHAT IT DOES

Adds strong authentication to any application, through OIDC, SAML, Active Directory (AD) or direct API integration.

WHAT YOU GAIN

Users sign in with biometric verification instead of passwords and OTPs.

Server Launch

WHAT IT DOES

Provides privileged access management (PAM): browser-based remote access to servers, network devices, databases and firewalls, with no client to install; a desktop client is optional.

WHAT YOU GAIN

Every session is recorded on video and stored on the InnaIT server for audits.

Credential Vault / Password Manager

WHAT IT DOES

Protects legacy applications that cannot be integrated any other way; a browser plugin fills in credentials after authentication.

WHAT YOU GAIN

Passwords are never stored on the server; they stay on the user's own device.

Identity Governance and Administration (IGA)

WHAT IT DOES

Connects to your HRMS and automates role-based access, driven by policies for each role, designation and location.

WHAT YOU GAIN

Access is granted, changed and revoked automatically, eliminating most ticketing and admin overhead.

Behavioral Biometrics

WHAT IT DOES

Continues verification after sign-in: an AI model learns how each user uses their device and lowers a trust score with every deviation.

WHAT YOU GAIN

If the score falls below a set threshold, the user is asked to verify again with biometrics.

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IGA across the employee lifecycle

> **User access never outlives its purpose.** Access is granted, changed and revoked automatically as people join, change roles or leave.



Joiner

A new employee onboarded in the HRMS receives the accounts and access for their role straight away.

Mover

After a promotion or a change of team or location, old access is removed and the new role's access is granted, preventing privilege creep.

Leaver

When the HRMS records an exit, all access is disabled automatically.

Segregation of Duties (SoD)

Policy rules flag conflicting roles, such as one user creating and approving the same transaction, and block severe violations.

Just-in-Time (JIT) access

Temporary higher access for emergencies, approved by a superior or owner and revoked when the task or time ends.

Certification

Periodic reviews approve or revoke each user's access by policy, escalating to the user's immediate superior when unsure.

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The **Authentication Suite**

Choose the authenticator that suits each user: a hardware key, a mobile app, or both.

InnaITKeys

InnaITKey PK1101

FLAGSHIP

HOW USERS VERIFY

Fingerprint, stored and matched inside the key

PORT USB-C



InnaITKey PK1210

HOW USERS VERIFY

Touch, or face authentication through the PC camera, with the face template stored on the key

PORT USB-A



Both keys work in two modes: InnaITKey authentication through the InnaIT engine, and FIDO authentication through the standard Windows passkey sign-in. PK1210 face authentication requires the InnaIT stack; with FIDO applications, the PK1210 uses PIN and touch.

InnaIT Authenticator app

The InnaIT Authenticator is a soft token: the app version of the InnaITKey, for Android and iOS. Once registered, users can authenticate in four ways:



Push notification

The user enters their user ID, and an authentication request arrives on their phone.

QR code

The app's built-in scanner reads a code shown in the application.

TOTP

A time-based one-time code that works without a network connection.

COTP

A challenge-based one-time code, generated when the user triggers it from the app.

Every method requires a biometric check on the phone before it completes. Choose how that check runs:

InnaIT face authentication engine

InnaIT's own spoof detection and liveness verification, one enrolled face per user, enrollment that can be placed under admin control, and no PIN bypass.

The phone's built-in biometrics

Can be bypassed with the device PIN and may hold several people's fingerprints or faces, so the phone cannot confirm whose identity was verified.

Your app, our security: an SDK places the InnaIT soft token inside your own mobile app. It uses InnaIT's backend logic and authentication while keeping your front end.

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Why **InnaIT**

InnaIT combines biometric verification, **server-side access control** and **policy-driven governance** in **one solution stack**.

01 **A retained key opens nothing.**
Access control sits on the InnaIT server, so a former employee who still holds a key is denied, even if the biometric check passes.

02 **Same key or app for every sign-in.**
The same InnaITKey or InnaIT Authenticator secures applications, Windows PCs, servers and legacy systems.

03 **Credentials stay with the user.**
The PK1101 stores and matches fingerprints inside the key, and Credential Vault keeps legacy-application passwords on the user's device, never on the server.

04 **Works with open standards.**
Support for OIDC, SAML and FIDO, plus a Microsoft Entra ID route for Windows sign-in, fits InnaIT into your existing environment.

Why **Precision Biometric**

Strong Financial & Organizational Credentials
Backed by an organization with a minimum annual turnover of INR 30 crore and positive net worth, demonstrating financial and operational stability.

Pan-India Support Capability
Supported by a Pan-India service and technical support infrastructure spanning 250+ major cities, enabling effective implementation and ongoing support.

Experienced Technical Workforce
Supported by a team of 2,000+ employees in India, enabling dedicated implementation, integration, and technical support capabilities.

Made-in-India Product
Designed and manufactured in India, with no components sourced from countries sharing a land border with India.

OEM-Owned Technology & IPR
The FIDO2 L2 Security Key is developed and owned by a single OEM, with the associated technology, Intellectual Property Rights (IPR), and patent rights retained by the OEM.

Genuine OEM Product
An original OEM-developed and manufactured solution, with no white-labelling, third-party rebranding, or outsourced product dependency.

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Three decades. Four versions. **One purpose.**

Precision Group is behind Precision Biometric. Precision Biometric is behind InnaIT. And behind all three is one purpose: to solve real business challenges with technology that works.

THE GROUP

Precision Group

Technology solutions and services, since 1996.

THE COMPANY

Precision Biometric

The Group's secure identity and biometrics business.

THE BRAND

InnaIT

Our brand and patented platform. Say "innate".

About Precision Group

Established in 1996, Precision Group provides Biometric, IoT, Cloud and Systems Integration solutions and IT Infrastructure Management Services.

Put simply, we help organizations be certain about who is logging in, understand what their assets are telling them, run on infrastructure that grows with them, and keep all of it working together, day after day.

We have never been interested in technology for its own sake. Every engagement begins with a business challenge, and we judge it by whether that challenge gets solved. That focus has never wavered. Nearly everything else about us has changed — on purpose.

Today, Precision Group has two entities: Precision Techserve, our IT solutions and services business, and Precision Biometric, our secure identity and biometrics business and the home of InnaIT. Explore the Group at www.precisionit.co.in.

About Precision Biometric

> A password proves only that someone knows a secret. **It cannot prove who that someone is.**

Precision Biometric exists to close that gap. With Precision Group and its three decades in enterprise technology behind us, we deliver secure identity and biometric solutions that help enterprises, industries and governments eliminate password risk, strengthen digital trust and make authentication seamless.

And we, in turn, are the company behind InnaIT.

About InnaIT

/ɪˈneɪt/ · pronounced "innate"

Say it aloud and you hear the idea. Innate means part of who you are, and that is where InnaIT looks for proof of identity: in the person, not in a password.

InnaIT is the brand Precision Biometric is known for, and the name of our patented platform, which combines biometrics, public key infrastructure (PKI) and Zero-Trust principles to secure users, devices and digital transactions. The name runs through our portfolio, from the InnaIT Framework that protects enterprises to InnaITKey.



Patent No. 425769
Granted 20 Mar 2023



Patent No. 564581
Granted 29 Mar 2025

GET STARTED

Ready to see InnaIT at work?

Get in touch for a demonstration tailored to your environment. Our team will help you choose the modules and authentication methods that fit your users.

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