



ActivID® Appliance for Temenos Front Office Suite

AT-A-GLANCE:

- Secure digital channels help organizations build customer trust and encourage the use of innovative digital services
- Advanced multi-factor authentication addresses user demand and delivers a consistent omni-channel experience while reducing fulfillment and management costs
- Streamlined compliance via a centralized audit trail is provided for customer transactions across channels and products
- Evolving threats are addressed by enabling quick and easy deployment of additional security layers

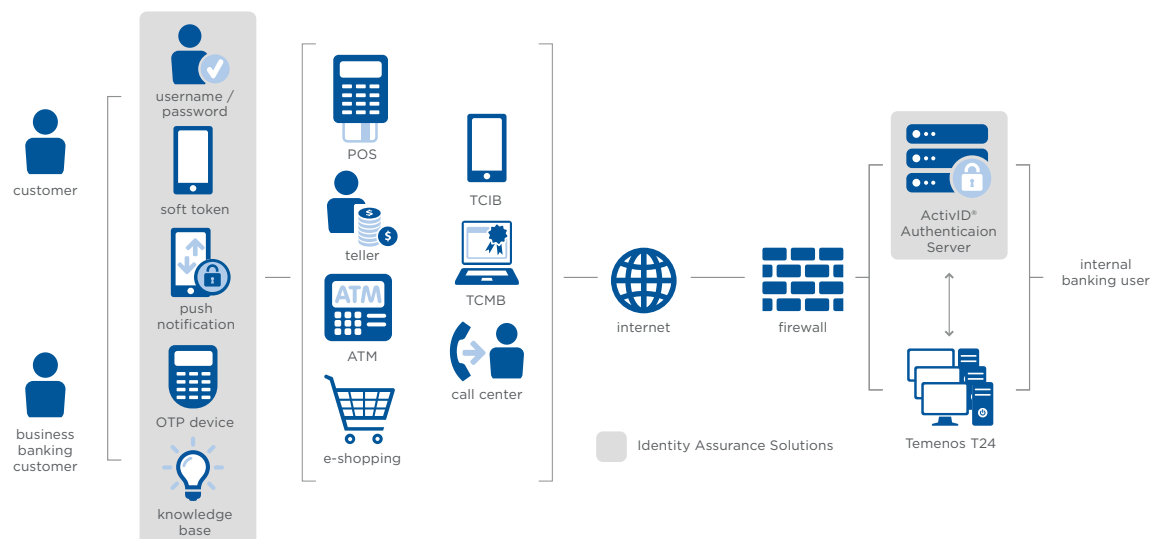
VERSATILE AUTHENTICATION APPLIANCE FOR TEMENOS FRONT OFFICE SUITE, CHANNELS

As banks embrace the open banking ecosystem to provide innovative digital services, they must successfully address risks associated with authenticating their customers. Strengthening security and compliance is an ongoing challenge. HID Global's ActivID® Appliance gives banks using Temenos Front Office Suite—a digital engagement platform—a unique advantage by accelerating the use of multi-factor authentication. This is accomplished by delivering an appliance that is pre-configured for Temenos T24 Core Banking (T24), Temenos Connect Internet Banking (TCIB), Temenos Connect Mobile Banking (TCMB)—and includes a versatile authentication server—all in one cost-effective solution.

ActivID® Appliance provides a complete, versatile authentication solution for banks seeking to easily add authentication, from user name and password to a variety of multi-factor authentication mechanisms. The ActivID Appliance adds strategic value by giving banks the flexibility to meet current and future needs for a range of user, device and service-channel options when deploying the Temenos T24 and Temenos Front Office Suite, Channels module. By shortening the deployment time with either TCIB or TCMB software, the appliance enables banks to confidently bring innovative products and services to market across multiple service channels. Securing lower-cost service channels drives economically profitable growth for adopting institutions.

ActivID Appliance includes the following features and capabilities for banks using Temenos T24 and Temenos Front Office Suite, Channels module:

- Pre-configured for easy deployment
- Automatic creation of user credentials when new users are added via T24 screens
- Management of password lock / unlock and other critical authentication processes directly from T24
- Tracking of authentication events in T24 user views
- Multi-factor authentication and transaction signing for internet banking customers



ACTIVID® APPLIANCE BENEFITS

- Low total cost of ownership (TCO) in a competitively priced all-inclusive package
- Accelerated time to production for banks using T24, TCIB, or TCMB
- Streamlined administration leveraging T24 console
- Proven expertise and repeated success with T24 banking environments

Authentication Capabilities

ActivID® Appliance incorporates the authentication server, which is also available as a stand-alone, perpetual software license. This versatile authentication server allows banks using Temenos Front Office Suite, Channels to use a consistent user verification model across their electronic service channels. ActivID Appliance servers are designed to accommodate multiple business units and scale to millions of users. ActivID Appliance includes the following features and capabilities:

- A broad choice of authenticators based on open standards (e.g., Initiative for Open Authentication [OATH] and public key infrastructure [PKI] standards), as well as proprietary authentication schemes
- Transaction signing and verification support for higher risk interactions
- Centralized authentication, authorization and audit capabilities to strengthen compliance and streamline reporting
- Device and credential life cycle management

ActivID Appliance supports a broad range of software tokens, hardware tokens and smart cards.

The ActivID Appliance supports a layered approach, enabling organizations to tailor the authentication method (e.g., static password, knowledge-based data, one-time passwords (OTP) or PKI) and authenticator (e.g., hardware token, software token or smart card) to specific user groups and risk levels. By providing an open and extensible framework and

the HID Risk Management Solution, organizations can respond quickly to new online attacks, evolving business requirements, and changing user needs—all with one integrated solution.

Ease of Deployment

ActivID Appliance is pre-configured for banks using T24 and Temenos Front Office Suite, Channels. In addition, HID Global can assist with deployment related to any of the bank's unique systems environments to ensure a secure key generation process. This allows the appliance to be easily restored or replaced in case of hardware faults or disaster recovery.

HID Global also offers the authentication service in the cloud to decrease the time to market—this allows banks to focus on their core business while relying on security experts to manage their authentication solution.

To ensure successful integration, configuration and deployment of genuine HID® products and solutions, HID Professional Services offers implementation services that help organizations accelerate value and garner the best performance from their investment while reducing overall business risk. Customers may opt for additional services, such as customizations and projects related to security for Temenos Front Office Suite, Channels, including support for PIN mailers and other associated projects.

The ActivID Appliance can be deployed in a redundant configuration to ensure fault tolerance and high-availability for mission-critical authentication systems.

INTEROPERABILITY

- OATH
- FIDO
- PSD2 and Open Banking standards
- 3D Secure

SPECIFICATIONS



ActivID Appliance

Built-in Authentication Methods	HID Approve™ for public-key based authentication and transaction signing with push notification One-time password (ActivIdentity patented algorithm) & challenge / response One-time password: OATH HOTP Event, TOTP Time-based, & OCRA challenge / response OATH transaction signing (OCRA) Smart Card PKI / X.509 certificate Emergency full and partial strong static password & security questions Out-of-band one-time password or transaction verification code sent via SMS or email Device ID - Web Browser Registration Adaptive authentication with HID Risk Management Solution Optional threat and fraud detection with HID Risk Management Solution
External Authentication Methods	LDAP fallback & passthrough, RADIUS conditional routing
Authenticators	Hardware Tokens BlueTrust Token, OTP Token, KeyChain OTP Token, Desktop OTP Token, Pocket OTP Token, Mini OTP Token, Any OATH compliant event, time or challenge / response-based hardware token, Smart Card (with ActivID CMS) – Including Crescendo C1100
	Software Tokens Mobile and PC software token with HID Approve on iOS, Android, Windows 10
User Repositories	Database Embedded Oracle® 12c with integrated fault tolerance
	LDAP Support for Microsoft Active Directory, Oracle / Sun Java Directory, Novell eDirectory
Standards Supported	Protocols SAML v2, OpenID Connect, OAuth2, SCIM, RADIUS Authentication and Authorization, Web Services (SOAP), RESTful API over HTTP, LDAP v3, SNMP V3, syslog
	Cryptographic OATH event, time and challenge / response, 3DES / AES / RSA / ECC / SHA-2 FIPS 140-2 level 2 or level 3 network HSM (optional)
Help Desk and Self Service	Web-based help desk & self service, Localizable & U.S. Section 508 compliant
Administration	Device and credential management, authentication policy management, user and permission management
Auditing, Accounting and Reporting	Digitally signed & sequenced tamper-evident audit log, audit log queries, published audit schema

ActivID Appliance for Temenos Front Office Suite, Channels

Appliance	Chassis Form Factor 1U Chassis 650 W redundant PSU 8 x 3.5" drive bays DVD-ROM
	Processor Type Intel Xeon 2.4 GHz Quad Core
	Memory 16GB DDR3 1600MHz
	Drive 4 x 1TB SATA
	Regulatory UL, CUL, CSA, FCC, certification RoHS compliant
Software Operating Environment	Operating System Debian 4.0 R6
	Application Server JBOSS 4.2.3 GA
	Database Oracle 11g R2

¹ FeliCa IDm only

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