Infopercept

Your Ally in Digital Warfare

Identity and Access Management

Solution Approach
Identity Challenges

Breakdown of Primary Profiles

By Companies:
- Tier 1: 45%
- Tier 2: 36%
- Tier 3: 20%
- Others: 9%

By Designation:
- Executive: 35%
- Manager: 35%
- Specialist: 25%

By Region:
- North America: 31%
- Asia Pacific: 39%
- Europe: 26%
- ROW: 14%

Note: *Others include sales managers, marketing managers, and product managers. Tier 1 companies > USD 1 billion. Tier 2 companies revenue > USD 100 million. Tier 3 companies revenue < USD 100 million.

Per-record data breach costs vary widely, with a significant year-to-year increase in several industries.

- Healthcare: $363
- Financial: $215
- Retail: $165
- Industrial: $155
- Consumer: $136
- Energy: $132
- Technology: $127
- Public: $68

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Introduction
Internal Penetration Testing

An IAM is a framework of policies and technologies for ensuring that the proper people in an enterprise have the appropriate access to technology resources.

Meet Compliance

Enterprise SSO help you get ready for your next HIPAA or Sarbanes Oxley audit by creating comprehensive auditing reports tracking logins, access to workstations, websites, applications...anywhere sensitive data may reside.

Gain Control of your Company Logins

Simple Integration with your company server

Works within your processes
OMNIPASS – An IAM Solution
Softex’s OmniPass delivers a simple and powerful Logical Access solution which is 100% customizable in order to address the most varied needs of customers.

**Continues**
Ever expanding threat landscape

**Addressed**
To expose vulnerabilities in commonly used logical access methods which are

**Drives**
By Solutions that conform to a “Square peg in a round hole” situation and therefore

**Combines**
The need for a solution that has the capability to provide various levels of strong authentication

**Characteristics like Scalability, Flexibility and Interoperability**
Meet Corporate Compliance with OMNI PASS Enterprise SSO

• Minimize Employee Password Resets with OmniPass SSO
• Multi-Factor Authentication Support
• Gain Control of your Company Logins
• Simple Integration with your company server
• Works within your processes
• Encrypted file sharing in the enterprise
OMNIPASS Eco System

Server Application

The OMNIPASS server application will comprise of the following components which will perform bulk of the biometric authentication operations:

• User Enrollment Wizard
• Authentication Engine
• Database Engine
• Password Management for SSO operations

Client Application

The OMNIPASS Client Application will be the user interface to the Biometric Application which will allow users to:

• Enroll into the system
• Access the applications under SAP.
Typical Delivery Architecture
Typical Delivery Architecture

Secure Logon by Multifactor Authentication

- Smart Card
- Finger Print, Finger Vein
- USB Token

Central Management of authentication information
The Management tool integrated with Active Directory

Active Director Server

Single Sign-On

- Business Application
- Web Application
- File Server

OmniPass SSO Server

OmniPass SSO Client

Client Machine

OmniPass

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Authentication Sequence
Sequence Diagram for secured Login

Server Application The OMNIPASS server application will comprise of the following components which will perform bulk of the biometric authentication operations:

- User access the Application menu on the client
- Application requests OmniPass to authenticate user
- User presents biometric credentials to OmniPass
- OmniPass prompts user to present biometric credentials
- OmniPass client initiates credentials authentication procedure
- OmniPass authenticates user’s credentials and informs SAP of match
- Application initiates application access procedures
Audit Logs
Auditing in OMNIPASS

Auditing is a critical mechanism for tracking information in an environment. OmniPass Enterprise Single Sign-On (ESSO) audits all operations performed in the SSO database. SSO uses event logs and audit logs of the database itself.

In OmniPass we provide:

- System Level Audit Trails
- Application Level Audit Trails
- User level Audit Trails

All events can be viewed in the MS Event Viewer log. These events can be also viewed in custom built report formats if required.

- Enroll into the system
- Access the applications under SAP.
Infopercept’s vision and core values revolve around making organizations more secure through the core values of Honesty, Transparency and Knowledge, so as to enable them to make better informed decisions about their security practices & goals. With our synergistic vision to combine technical expertise and professional experience, we aim to further establish our place as a one stop shop for our clients and partners’ cybersecurity and accreditation needs.

Our specialized core team comprises of experienced veterans, technical experts & security enthusiasts having good practical experience & thorough knowledge in the Cybersecurity domain, are abreast of the latest trends and security innovations; ensuring that you always get the best security approach & solutions for your specific business needs, exactly the way you want it to be.