

Datasheet

FUJITSU PalmSecure™ ID LifePass

Fujitsu PalmSecure™ ID LifePass is a central biometric authentication middleware, which uses the Fujitsu PalmSecure™ palm vein recognition technology for the maximum level of security. By using ID LifePass, the security of the palm vein recognition-based technology can be integrated into own hardware or software systems, thus replacing or completing low security identifiers (e.g. passwords, cards).

Biometric personal authentication

Based on the Fujitsu PalmSecure™ palm vein recognition technology, the middleware ID LifePass ensures secure, fast, easy to use and convenient personal authentication with the wave of the hand. By using ID LifePass, the customer can experience the benefits of the palm vein recognition-based solution in his or her system, where cards, PINs and passwords can be easily replaced or completed with high security biometric authentication. Whether it is used for security or convenience reasons, ID LifePass can be deployed in a wide range of markets, from physical security to IT security solutions, including office buildings, educational facilities, financial institutions, healthcare, safe deposits, correctional facilities or theme parks, just to mention a few. With ID LifePass, everyone can find the most suitable solution by choosing among 1:n identification, database based verification and template on card verification methods. In addition, ID LifePass, as the central middleware module, can be combined with ID Access and ID Login solutions as a corporate security solution package.

ID LifePass acts as a central base for all connected solutions and therefore they are combined to each other via ID LifePass and can use the same database, avoiding multiple user enrolments. By using ID LifePass a central corporate security concept can be created, which can be extended via API any time.

Main benefits of using Fujitsu PalmSecure™ ID LifePass:

- Palm vein pattern cannot be stolen, copied, reproduced
- FRR 0.01%, FAR 0.00001%
- No need for RFID cards, chips, bracelets, passwords (but can be combined)
- Can be integrated into 3rd party systems via API
- Enables 1:n identification and 1:1 verification methods
- Cost effective solution

Elements of ID LifePass

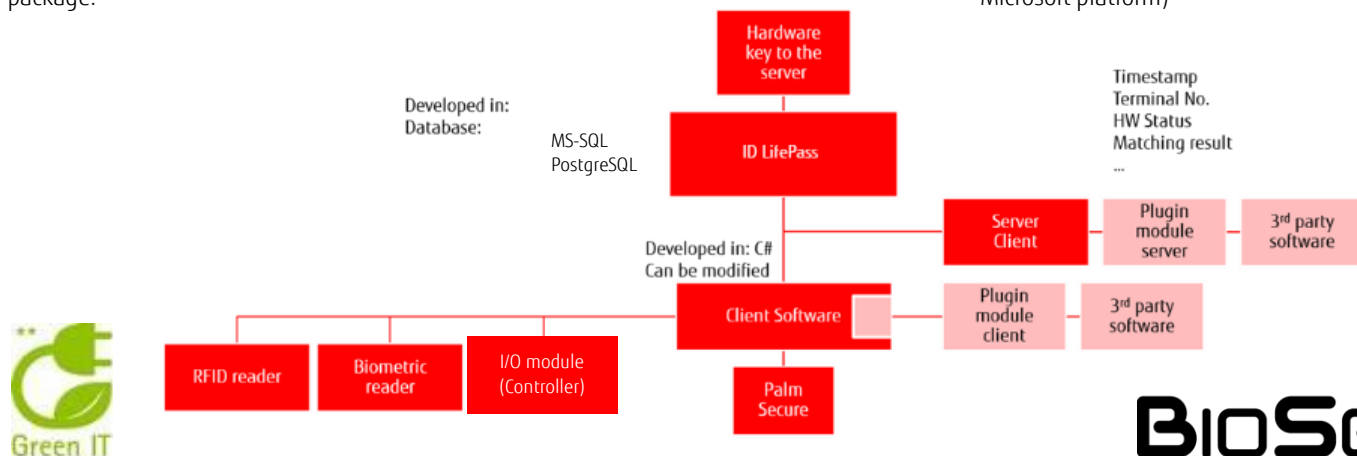
The following elements of ID LifePass are required when it is used as authentication server for physical access projects, when existing facility systems are continually used:

Hardware:

- U Guide / Mouse / foldable hand guide / Triple 1 / Triple 1+ / Triple Time (time and attendance)
- Client device (can be any computing device operating on Microsoft platform) or ID Access GATEKEEPER Controller (I/O module)
- Management and registration unit
- *please note: server hardware needs to be provided separately (respective requirements are provided by Fujitsu)

Software:

- ID LifePass server (core module and server software)
- ID LifePass AdminSuite (registration and management)
- ID LifePass Client (client software for each connected client device operating on Microsoft platform)



Technical Details

General features of ID LifePass

Number of users supported	High number of users (to be defined based on use case)
Offline mode	Yes
Biometric authentication method	Palm vein recognition
Integration possibility	Yes
Compatible biometric readers	U Guide / Mouse / foldable hand guide / Triple1 / Triple1+ / TripleTime

Technical parameters for integration with 3rd party IT solution

Used operating system for administration software	Windows 8, 8.1 (32 or 64 bit), Windows 10
Possible operating system for client software	Linux, Windows 8, 8.1 (32 or 64 bit), Windows 10
Database	Min. MS-SQL 2012, PostgreSQL 9.6
Required enrolment hardware	Desk terminal + 1 USB port
Required server operating system	Min. Microsoft Server 2012 R2, 64 bit
Possible authentication procedure	Identification (1:n), verification (1:1)

For the integration API is needed

Client API for communication between local software for 1:1 or 1:n authentication as well as user management. Authorization has to be done by calling application.

Technical parameters for integration with an access control system

Used operating system for administration software	Windows 8, 8.1 (32 or 64 bit), Windows 10
Database	Min. MS-SQL 2012, PostgreSQL 9.6
Required hardware	Biometric reader terminal, controller, biometric desk device
Required server operating system	Min. Microsoft Server 2012 R2, 64 bit
Potential local interface communication options	Wiegand 26-64 bit, TCP/IP, serial, soap, etc.
Possible authentication procedure	Identification (1:n), verification (1:1)

For the integration API is needed

Client API for communication between local software for 1:1 or 1:n authentication as well as user management. Authorization has to be done by calling application. Possible types of communication: serial, Wiegand, TCP/IP.

More information

Fujitsu products, solutions & services

Products

<http://www.fujitsu.com/global/products/>
In addition to the Fujitsu PalmSecure™, Fujitsu offers a full portfolio of other computing products.

Computing products

- Storage systems: ETERNUS
- Server: PRIMERGY, PRIMEQUEST, Fujitsu SPARC M10, BS2000/OSD Mainframe
- Client Computing Devices: LIFEBOOK, STYLISTIC, ESPRIMO, FUTRO, CELSIUS
- Peripherals: Fujitsu Displays, Accessories
- Software
- Network

Product Support Services with different service levels agreements are recommended to safeguard each product and ensure smooth IT operation.

Solutions

<http://www.fujitsu.com/global/solutions>
The Fujitsu solutions combine reliable Fujitsu products with the best in services, know-how and worldwide partnerships. Fujitsu's Solutions include parts of one or more activity groups (e.g., planning, implementation, support, management, and training services) and are designed to solve a specific business need.

Infrastructure Solutions are customer offerings created by bringing Fujitsu's best products, services and technologies together with those from partners to deliver benefit to our customers' businesses.

Industry Solutions are tailored to meet the needs of specific verticals.

Business and Technology Solutions provide a variety of technologies developed to tackle specific business issues such as security and sustainability, across many verticals.

Services

<http://www.fujitsu.com/global/services/>
Several customizable Fujitsu Service offerings ensure that IT makes a real difference and delivers true business value. We do this by leveraging our extensive experience in managing large, complex, transformational IT programs to help clients in planning, delivering and operating IT services in a challenging and changing business environment.

Application Services support the development, integration, testing, deployment and on-going management of both custom developed and packaged applications. The services focus on delivering business and productivity improvements for organizations.

Business Services respond to the challenge of planning, delivering and operating IT in a complex and changing IT environment.

Managed Infrastructure Services enable customers to deliver the optimal IT environment to meet their needs – achieving high levels of IT service quality and performance for data center and end user environments.

Fujitsu green policy innovation

<http://www.fujitsu.com/global/about/environment/> - Fujitsu Green Policy Innovation is our worldwide project for reducing burdens on the environment. Using our global know-how, we aim to resolve issues of environmental energy efficiency through IT.



More information

Learn more about Fujitsu, please contact your Fujitsu sales representative, Fujitsu business partner, or visit our website. <http://www.fujitsu.com/palmsecure/>

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