

Datasheet

Fujitsu PalmSecure™ ID Login

Workplace Protect AD

With Workplace Protect AD (WPP AD) Fujitsu expands the “Fujitsu ID – Solution Suite” based on the PalmSecure™ technology. The WPP AD software enables Active Directory based Windows login with PalmSecure. Herewith a network wide AD login is possible regardless of the used device.

Functionality

Workplace Protect AD substitute password login at Windows credential provider. Biometric verification with PalmSecure replaces usage of password. With WPP AD the requested authentication information at Active Directory is decrypted after matching of a valid user’s palm vein template.

Therefore users need to be enrolled centralized on a specific stand-alone enrollment station. Each user has to be registered via palm vein for each kind of used PalmSecure sensor. The registered palm vein data, so called biometric template, is store centrally in the Active Directory Service of the organization. Once a user is enrolled he performs the Windows login via username and palm vein within any client in the domain.

Biometric login

Today user names and passwords represent the most frequently used method of identifying individuals. However, this approach is not at all suited for authenticating a person’s true identity – because we often forget our passwords or divulge them to other people, because passwords are easy to guess, and because even complex passwords and special software can be hacked rather easily. What’s more, passwords and user names, along with chip cards and PINs, are among the most common weak spots when it comes to identifying theft and security breaches. But that is not all: The situation is becoming more critical as more and more data is being stolen from central data centers on a major scale.

Fujitsu has developed a contactless palm vein pattern recognition technology called Fujitsu PalmSecure™. It accurately identifies an individual using the complex vein pattern in the palm of their hand. The technology is incredibly secure – only granting access if blood is flowing through the circulatory system.

The PalmSecure sensor captures more than five million reference points from someone’s palm-vein pattern to confirm their identity. The image capture and matching processes work without the need to touch the sensor’s surface, making it very hygienic. A person’s palm-vein pattern remains the same throughout their life. Every palm-vein pattern is also unique. Individuals have different patterns in their left and their right hand, and even twins have different patterns. Palm-vein recognition technology is secure because the authentication data is inside the body of the circulatory system making it very difficult to forge.

Fujitsu PalmSecure™ ID Login: Major advantages

- Your password always at hand – can’t be forgotten or stolen
- Reducing costs for IT administration (reset of passwords)
- Increase user convenience → users don’t need to remember passwords
- Easy and intuitive usage
- Login at active directory to administrate users centrally
- Certified technology
- Single-Sign-On to intranet applications via AD

Deliverables

Fujitsu PalmSecure™ ID Login consists of the following deliverables:

- Workplace Protect Active Directory - Client component
- Workplace Protect Enrollment Station - for central enrollment of the templates
- Workplace Manager Active Directory - server component
- Fujitsu Application Key Encryption tool
- Credential Provider Check Utility (CPcheck), new

Workplace Protect AD – Technical Data

Operating System Requirements

- Workplace Protect AD Client is compatible with
 - Windows 7 32 / 64 Bit
 - Windows 10 / 64 bit
- Workplace Protect Enrollment Station is compatible with
 - Windows 7 / 64 Bit
 - Windows 10 / 64 bit
- Workplace Manager Active Directory component is compatible with
 - Windows Server 2012 R2
 - Windows Server 2016 (from version 1.01)
 - Microsoft SQL 2016 (from version 1.01)

Supported Biometric Devices

- PalmSecure sensors
 - PalmSecure Sensor F Pro (M5)
 - PalmSecure Sensor STD (V2)
 - PalmSecure Mouse
 - PalmSecure Sensor Guide
 - Embedded PalmSecure Sensor (built into dedicated FUJITSU Tablet STYLISTIC, FUJITSU Notebook LIFEBOOK, FUJITSU Desktop ESPRIMO and FUJITSU Workstation CELSIUS)
 - PalmSecure SL Sensor
 - External PalmSecure sensor with non-Fujitsu hardware (from version 1.01)

More information

Fujitsu OPTIMIZATION Services

In addition to Fujitsu Workplace Protect, Fujitsu provides a range of platform solutions. They combine reliable Fujitsu products with the best in services, know-how and worldwide partnerships.

Dynamic Infrastructures

With the Fujitsu Dynamic Infrastructures approach, Fujitsu offers a full portfolio of IT products, solutions and services, ranging from clients to datacenter solutions, Managed Infrastructure and Infrastructure as a Service. How much you benefit from Fujitsu technologies and services depends on the level of cooperation you choose. This takes IT flexibility and efficiency to the next level.

Computing products

www.fujitsu.com/global/services/computing/

Software

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More information

Learn more about Fujitsu Workplace Protect, please contact your Fujitsu sales representative, Fujitsu business partner, or visit our website:
www.fujitsu.com/fts

Fujitsu green policy innovation

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. Please find further information at:
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