



“S-AXS Integration Pack”

Mobile Biometric Authentication on Solaris



System Requirements

- Sun Solaris™ 10 Operating System
- SPARC or x86 Architecture
- Gnome Display Manager
- AXS Authentication Platform™

Company

3Bitcom srl is a Systems & Technology Integration Company, focused on solutions and problems solving on Secure Identity Management and Web Development, with advanced skills on Sun Microsystems and OpenSource Technologies.

The recent partnership with AXSionics Ltd. successfully produced various Integration Packs between the Sun Technologies and the AXSionics Authentication Platform™.

AXSionics Ltd (www.axsionics.com) offers solution and services for convenient and secure (biometric) authentication and transaction signing and the possibility for secondary use of the infrastructure. AXSionics focuses on end-user requirements regarding mobility, convenience and privacy protection.

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Customer Needs:

Workstations and Servers used by employees and technical staff are often exposed to security risks. Especially when they contain or access to critical data or sensible information, it's a must to identify in a “non-repudiable” way who uses it. The AXSionics Authentication System can guarantee the identity and the physical presence of the user who is accessing the resource with an uninvasive, really **mobile and platform independent biometric fingerprints-based authentication platform**. Now the “S-AXS Integration Pack”, developed by 3Bitcom, allows to quickly integrate in your Solaris based Workstations or Servers the biometric authentication capabilities of the AXSionics token cards – so without any new device attached to the existing hardware and without storing the fingerprints templates in any central repository.

Solution Overview

The “S-AXS Integration Pack” is a middleware which allows a seamless integration between the Sun Solaris™ 10 Operating System and the AXSionics Authentication Platform™. By replacing the default *login* screen, it protects your Solaris based Workstation or Server, SPARC and x86, by adding to it a biometric authentication module to access to graphical sessions (eg. a Java Desktop System session) through the AXSionics Authentication Platform™ and the so called “Internet Passport” token – which means adding to your system: mobile authentication, secure fingerprints recognition, privacy and security boosting, and much more.

Software Components

The “S-AXS Integration Pack” consists of three fundamental components: a Pluggable authentication Module for Solaris™ 10, a *GDM-Greeter* for the AXS tokens authentication process, and a web application for the AXS tokens enrolment process.

Main Features

- Sun Solaris™ SRV4 pkg based installer
- X86 and SPARC supported
- GDM Compatible
- Sun Ray Server Compatible
- AXSToken—User mapping on LDAP or UNIX *passwd*
- Customizable Security Level
- Web Based enrolment application
- “TView” Monitoring & Reporting Software for the AXS Platform also available (as separated optional application).

AXSionics Platform benefits:

- **Comfort** – easy to handle, no complex passwords, true mobility
- **Secure Identity Verification** – anytime available, physical presence of the user guaranteed
- **Fraud** – solution protects against Identity theft
- **Privacy** – biometric templates are only stored on the personal token, no risk for automated attack, compliant with PET requirements (Privacy Enhanced Technology).

Licensing Models

The “S-AXS Integration Pack” is available under different license types for your convenience: per users, per tokens, per site. Please contact our sales representative for further details. Demo videos are also available for free download on our site.

