

Overview

Introduction

The Atalla Secure Configuration Assistant is an easy-to-use set of tools to configure commands, define parameters, and inject cryptographic keys into new-generation HP Atalla network security processors.

Features at a Glance

- No extensive security experience needed to configure and administer an Atalla NSP
- Locked-down iPAQ device, providing convenience, control, and accuracy
- Custom Atalla SCA smart cards used for identity-based authentication and secure cryptographic key components storage
- Configurations easily replicated on multiple Atalla NSPs, both local and remote

Secure Configuration Assistant

The HP Atalla Secure Configuration Assistant (SCA) secure management solution for Atalla network security processors (NSPs) is based on a security-enhanced HP iPAQ personal data assistant (PDA), with an easy-to-use graphical user interface that saves time and reduces human error. The Atalla SCA security engine is a custom Atalla SCA smart card that performs all cryptographic functions and stores security-relevant data such as cryptographic key components.

Physical and logical security

The Atalla SCA is physically secured with tamper-evident seals and has exceptional logical security features. The Atalla SCA application starts automatically on SCA power-on, accepts digitally signed upgrades only from HP Atalla Security Products, and is locked to prevent the installation of any rogue applications. Like the Atalla NSP, the custom SCA smart card will be certified to FIPS 140-2 Level 3 standards. Together, the Atalla NSP and Atalla SCA form the only end-to-end truly secure key initialization solution in the market.

Secure smart cards

Atalla SCA smart cards are personalized to individual cardholders, such as security administrators, IT managers, or executives. An organization defines how many cardholders, each with a personal smart card, need to concur before any security action is taken. The Atalla SCA uses public key cryptography to establish a secure channel to the Atalla NSP. All subsequent communication between the Atalla SCA and the NSP is Triple-DES encrypted. Security associations are formed between the SCA smart cards and the new generation Atalla A x 100 NSP products they configure and manage, helping to maintain access control and improve accuracy of command input.

Flexible management with security administrator and share cards

The Atalla SCA uses two types of custom smart cards to inject keys, enforce an organization's security policy, and manage Atalla NSP products with ease. Security administrator cards enable users to initialize Atalla NSPs, set SCA use policy, and enable or disable NSP commands for their organization. The Atalla SCA supports single length DES, two-key and three-key Triple DES, public key cryptography, Atalla Key Block key management, and the older variant key management.

Optional share cards, distributed to local or remote operations staff, can initialize an Atalla NSP to a predefined configuration set by security administrators. Security administrators initialize and configure share cards and define how many share cards are needed to initialize an NSP product. This innovation can be of great benefit to organizations with Atalla NSP installations in remote locations or in lights-out facilities.

For more information

For 30 years, Atalla security products have defined the standards for cryptographic processing. The highest levels of protection, performance, and flexibility are built into the HP Atalla Secure Configuration Assistant. To learn more, contact your local HP representative or call the Atalla Sales Help Desk at 1 (800) 523 9981 or +1 (408) 285 5434 (international).

Ordering Information

Product ID

T16/AN015

T16/AN016

T16/ASHARE

Description

Atalla Secure Configuration Assistant,110 V, with three security administrator cards

Atalla Secure Configuration Assistant,220 V, with three security administrator cards

Package of 10 share cards

Technical Specifications

Physical dimensions	Size (unit without SCA smart card inserted) 5.3 x 3.3 x 1.4 in (13.5 x 8.4 x 3.5 cm) Weight (with expansion pack and smart card reader) 13.1 oz (0.369 kg)
Standard features	Universal serial cable with AC adapter power and charging connection PC card expansion sleeve with smart card reader
Touch-screen display	Color transfective TFT LCD 3.78-in lower power, 16-bit color Resolution: 240 x 320 Dot pitch: .24 mm Color depth: 64K color
Input method	Touch-sensitive display Soft keyboard and PIN pad
Easy access buttons	Backlight on/off
Input/output ports	DB9 serial connection PCMCIA expansion slot with smart card reader
Notification systems	Audible feedback Charging LED: flashing yellow, charging; solid yellow, fully charged
Power supply	1,400 mAh Lithium Polymer rechargeable battery in expansion pack Recharging supplied through AC adapter
Operating environment	Temperature: 32° to 104° F (0° to 40° C) Relative humidity: 10% to 90%
Security	Tamper seals on base iPAQ device All cryptographic operations occur on secure SCA smart cards
Application upgrade	Application user-upgradable with Atalla supplied software

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For more information, go to <http://www.hp.com/go/atalla>.