SmartWare Migration Notes

R4 to R5

Introduction

SmartWare R5 is a major release step for SmartNode software. The previous major release was R4. Major rework in software architecture incurs in major release steps. Careful testing is suggested when migrating from R4 to R5 as some risk is associated.

The SIP part of the configuration needs to be rewritten when going from R4 to R5 (see below).

The SmartWare Software Release Concept dictates the life cycle of existing R4 releases as well as of the new Release R5.

Hardware products not supported by R5

The following products that run SmartWare R4 are not supported anymore by R5:

- SmartNode 2400
- IC-4BRV
- IC-E1V
- IC-E1V-0, IC-E1V-15
- IC-4FXS
- IC-T1V
- IC-T1V-0, IC-T1V-15

New software features introduced with R5

The following software features are new in R5 and only available in R5. With future builds in R5.T (Technology Release, please refer to the SmartWare Software Release Concept about this term), more features will be added:

- SIP Registrar (licensed feature)
- RFC4240 Conferencing

Software features not supported by R5

All software features present in SmartWare R4 are available in R5. However, a license from Patton needs to be obtained to use the H323 features.

Compatibility of Configuration Files

Configuration files used with SmartWare R4 cannot be used on R5, because backward compatibility in the area of the SIP gateway configuration is broken. Please save your current startup-config file to a backup file using the copy command.

Changed/New Configuration Commands

The SIP configuration concept has fundamentally changed. Please refer to the following resources to update your SIP configuration for R5:

1. SmartWare R5.1 Software Configuration Guide
   a. Chapter 39: SIP Interface Configuration
   b. Chapter 46: Context SIP Gateway Overview
      The "gateway sip" does not exist anymore. It is replaced by the "context sip-gateway".
   c. Chapter 50: Authentication Service
      The authentication service is a database containing the users' credentials within a realm.
   d. Chapter 51: Location Service
      The location service is a database containing the properties of the users' identities within a domain and its aliases.

   Please read the introduction of Chapter 46 first. In this section the concept of the reworked SIP configuration is outlined and the interaction between the SIP interface of the call control and the SIP gateway is explained.
2. SmartWare Configuration Examples -> SIP Services and Providers -> New SIP Gateway

Additional Help, Questions

For additional help or any questions, please contact Patton or Patton-Inalp Technical Support at:
USA: support@patton.com, **+1-301-975-1007** Monday-Friday, 8:00AM to 5:00PM EST

Switzerland: support@patton-inalp.com **+41-31-985-25-55,** Monday-Friday, 8:00AM to 5:00PM CET