

Oracle Communications ASAP Cartridge for Lucent Navis Access DSL

“Lucent Navis Access DSL” provides **tools** to configure, provision and manage DSL Devices. These **tools** work with the Lucent DSL Stinger DSLAM products.

The ASAP Cartridge for “Lucent Navis Access DSL” is an optional software component that enables ASAP to activate DSL services on the Lucent Stinger DSLAM by sending provisioning commands to “Lucent Navis Access DSL” acting as the Element Management System.

Application	Role
ASAP	NMS Client
Lucent Navis Access DSL	NMS/EMS
Lucent DSL Stinger DSLAM	Element being provisioned

Supported Services

Service provisioning on the lucent devices includes configuration of the line interface modules (LIM) for interface types of

- PPP over Ethernet
- Bridged VLAN

The *ASAP Cartridge for Lucent Navis Access DSL* supports configuration for the following actions:

Service	Actions & Description
DSL TP Port	<ul style="list-style-type: none"> • Modifies a DSL TP port for a specific set of parameters. • Queries and returns the DSL TP structure for viewing
Sub Network Connections (SNC)	<ul style="list-style-type: none"> • Create a new video SNC port • Remove an existing SNC port
DSL Video SNC	<ul style="list-style-type: none"> • Modifies a sub network connections (SNC) specific set of parameters used for video traffic. • Queries and returns the SNC structure used in video traffic
High Speed SNC	<ul style="list-style-type: none"> • Modifies a sub network connections specific set of parameters used for data traffic. • Queries and returns the SNC structure used in data traffic

Profile	<ul style="list-style-type: none">• Queries and returns a DSL TP structure, a video SNC structure and a high-speed SNC structure for viewing.
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Cartridge Contents

The ASAP Cartridge for “Lucent Navis Access DSL” includes:

- Common Service Description Layer Commands (CSDLs)
- Atomic Service Description Layer Commands (ASDLs)
- Java methods
- Installation scripts
- Sample work orders
- Cartridge manual

This cartridge can be extended by any of the following:

- Customers
- Systems Integrators
- Oracle Communications Professional Services

The *ASAP Cartridge Development Kit (CDK) for Service Activation* provides guidelines for extending a cartridge.

Technical Specifications

Hardware & Software Requirements

The ASAP Cartridge for “Lucent Navis Access DSL” is designed to operate with the following hardware and software:

- “Lucent Navis Access DSL” running software v10.0 with VisiBroker 521 (CORBA 2.5)

Network Element Interface

The ASAP cartridge interfaces directly with the “Lucent Navis Access DSL” compliant to TMF814 using CORBA as the transport mechanism.