

Oracle Communications ASAP Cartridge for Microsoft IPTV

The Microsoft Internet Protocol Television (IPTV) provides television services over Internet Protocol. The *ASAP Cartridge for Microsoft IPTV* is an optional software component that enables ASAP to activate IP Television services on the Microsoft IPTV.

Supported Services

The *ASAP Cartridge for Microsoft IPTV* supports configuration of the following:

- Principal Management (web services for managing Set-Top box devices)
- Service Assurance (web services for querying objects from the system)

Principal Management

Microsoft IPTV supports configuration and management of customer devices. Devices can have various properties managed, such as credit limit, parental-lock password and postal codes. Devices also have programming packages configured on them that control what the customer can watch on television.

The *ASAP Cartridge for Microsoft IPTV* supports the following actions and services:

Service	Description
Update Device Rights to Packages	Grants rights to a device for a list of packages.
Update Credit Limit	Updates the credit limit for a device.
Update Postal Code	Updates the Postal Code for a device.
Clear Parental Lock PIN	Disables a device's parental control PIN. A user reactivates their PIN through the STB UI.
Delete Device	Removes a device from the system.

Service Assurance

Microsoft IPTV supports retrieval of object properties from the system. This includes objects such as devices and packages.

The *ASAP Cartridge for Microsoft IPTV* supports the following actions and services:

Service	Description
Query Packages for Device	Retrieves a list of zero or more package names for which the device has rights.
Query Package	Returns the properties of the package object in question, describing the service collections in the package.

Cartridge Contents

The *ASAP Cartridge for Microsoft IPTV* includes:

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

This cartridge can be extended by any of the following groups:

- Customers
- Systems Integrators
- Oracle Communications Professional Services

For information on the guidelines for extending a cartridge, refer to the *ASAP Cartridge Development Guide 1.3*.

Technical Specifications

Network Element Hardware & Software Requirements

The *ASAP Cartridge for Microsoft IPTV* is designed to operate with the following hardware and software:

- Microsoft IPTV Application Web Server

Network Element Interface

The *ASAP Cartridge for Microsoft IPTV* interfaces with the Microsoft IPTV server using a SOAP/XML protocol over HTTP/HTTPS to send requests and receive responses.