



HP Open Extensibility Platform

Overview

HP's Open Extensibility Platform (OXP) and software developer kits (SDKs) enable HP solution business partners and systems integrators to develop and integrate custom imaging and printing solutions that help customers reduce costs, mitigate risks, conserve resources and accelerate business results.

In 2007, HP introduced the first solutions built on OXP. OXP represents an ongoing strategic investment by HP to transform HP's world-class imaging products and fleet management software into platforms that can be controlled and customized by developer partners using standard web protocols. Partners have found that OXP significantly reduces their development costs and improves time-to-market by ensuring their solutions work across HP's fleet of multifunction devices, digital sending devices and network scanning devices.

In this release of OXP, HP has added new protocols to the device layer (OXP-Device) that streamline the installation, licensing and configuration of solutions running within the device. In addition, HP has added new OXP-Management protocols to HP Web Jetadmin Enterprise Edition (EE) that allow partners to programmatically access HP Web Jetadmin's database of fleet discovery and status information. OXP-Management is designed to simplify the integration of fleet management information into custom reporting tools.

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Enhancements to OXP-Device

HP's OXP-Device is a software module that can be downloaded to HP's multifunction printers, digital senders and network scanners. A unique property of OXP-Device is that it can be deployed in multifunction and digital sending devices up to five years old, protecting existing customer fleets. OXP-Device teaches legacy devices new protocols and lowers costs for application providers (such as Capture software) to bring their application to fleets of devices. Prior to OXP-Device, application developers had to have special software for each device type. Now with OXP-Device, the application developer can control the front panel of the devices and the actions of the devices through a downloaded configuration file that is product independent and works on already-deployed products.

A new enhancement, OXP-Device Solution Installer, is an industry first. The Solution Installer enables IT managers to efficiently and affordably install, license and configure HP and partner software solutions across an enterprise fleet of imaging and printing devices. Because software installation and upgrades can now be automated for the entire fleet, the total cost savings are significant.

New OXP-Management

HP's OXP-Management capabilities also are unique in the industry. In this first release, OXP-Management enables solution partners and system integrators to leverage the power of HP Web Jetadmin EE. Using the OXP-Management web services interface, solution providers can now access HP Web Jetadmin EE device lists, device status and event notifications. OXP-Management can be used to add additional fleet reporting tools and programmatically monitor fleet status changes. This capability saves considerable time for those who wish to provide custom reports or integrate fleet statistics into other management applications.

Key features and benefits

For partners:

- Introduces a common Application Programming Interface (API), which allows for partner solutions that work with one HP OXP-enabled device to work across the entire fleet of HP OXP-enabled devices (requires no additional work required by the partner).
- Significantly reduces time and cost of development for partner software developers by providing a streamlined and unified approach to installing, licensing and configuring embedded software across a diverse, complex fleet of devices.
- Enables developer partners to use HP Web Jetadmin EE to install, license and configure multiple solutions from different partners in one step and from a single management console.
- Completely eliminates the costs to develop and maintain custom software tools to find and collect fleet device information that is readily discovered and tracked by HP Web Jetadmin EE.
- Simplifies developer tasks by transforming legacy HP devices (up to five years old) to obey the new partner software solutions protocols without requiring major firmware changes.
- Offers easy application integration with no in-device development required.
- Allows HP, partners and systems integrators to offer more reliable and interoperable solutions to customers.

For customers:

- Removes hurdles for running solutions across a fleet of devices.
- Greatly simplifies and reduces costs for installation, licensing and configuration of partner solutions.
- Enables customers to easily extract HP Web Jetadmin's extensive device information and alerts, and to route that information to asset tracking tools, alarm browsers, ticketing systems and other IT management system.
- Enables custom reports and extensions of Web Jetadmin capabilities.
- Accelerates business process workflows with simplified application development processes.
- Works on devices that have already been shipped to customers and allows HP to teach



old devices new protocols.

- Consistent user experience created with intuitive user interface with the same look and feel as HP multifunction devices and can be configured for specific workflow applications.

Availability

The next release of HP Open Extensibility Platform will be available worldwide to HP Solutions Business Partners in May 2009. Additional information is available from HP sales representatives.

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