SOTI

WHAT'S NEW ON THE
SOTI ONE
PLATFORM
FEBRUARY 2019

OVERVIEW

The February 2019 update of the SOTI ONE Platform introduces new releases of both SOTI Snap and SOTI MobiControl. SOTI Snap 1.8 adds new features to make it easier for app developers to create multi-purpose apps, migrate data to newer versions of apps, and edit data import rules. SOTI MobiControl 14.3 enhances security and management on Android, iOS, Linux and macOS, adds new content repositories and content creation capabilities to SOTI Hub, and extends the re-designed user interface (UI) to profiles and packages.

SOTI SNAP 1.8

As the use of mobile apps in business grows in popularity, end users can find it difficult and cumbersome to navigate between apps to perform related tasks. SOTI Snap 1.8 addresses this by adding support for multiple forms within a single app, enabling the multi-purpose creation of apps. By using multiple forms, organizations can improve effectiveness and convenience for end users by combining related tasks into a single app. SOTI Snap 1.8 also adds usability enhancements to make it easier for developers to update their apps.

Support for multiple forms within an app

The support for multiple forms within an app enables the creation of multi-purpose apps. Each form can correspond to a different task the user needs to accomplish within the app such as managing orders, adding items to inventory, or creating/updating products. Data collected in each form can be submitted independently.

Migration of existing app data to a newer version of the app

Previously, the data collected in an older version of an app was not available in the app report or within the current version of the app on the device. App developers had to export the collected data from each version of the app and aggregate them using a 3rd party solution, such as Microsoft Excel. App developers now have the option to migrate the data from one version to the next at the time of publishing a new version of the app.

Enhanced editing of data import rules

App developers were able to edit only the name of data import rules for Microsoft Excel, CSV, Google Sheet, or OneDrive Sheet. In SOTI Snap 1.8, app developers can now select/specify a new spreadsheet/worksheet when editing these data import rules.

SOTI MOBICONTROL 14.3

SOTI MobiControl 14.3 follows closely on the heels of Google's recognition of SOTI MobiControl as an Android Enterprise Recommended (AER) Enterprise Mobility Management (EMM) solution. SOTI MobiControl 14.3 adds numerous Android security and management features that make it is easier for companies to adopt Android devices for a variety of their mobile use cases. macOS management gets a boost with improvements to agent configuration, application deployment, and configuration profiles that can be targeted to the logged in user or the device. In addition, this release also delivers new management capabilities for iOS and Linux and extends SOTI MobiControl's new user interface (UI) design to profiles and packages. New content creation and update capabilities in SOTI Hub have been added along with Box integration for sharing documents.

Android Management Enhancements

As an AER EMM solution, SOTI MobiControl 14.3 adheres to the highest standards of Android management as set by the AER program. AER security and management capabilities introduced in this release include:

- **SafetyNet support –** Allow enrollment and configure alerts and actions based on the integrity of Android devices as determined by SafetyNet – a set of services and APIs that helps protect against security threats and device tampering. For example, if the OS has been tampered with, SOTI MobiControl can notify an IT administrator via an email and "quarantine" the device, so that it does not receive company settings or apps.

- **Enterprise Factory Reset Protection –** Specify a list of approved Google accounts that can be used to setup company-owned devices after a factory reset. This prevents a malicious party from initiating an unauthorized factory reset and re-provisioning the device with their own Google account.

- **Disabling all system UI –** Prevent system toast messages, alerts, errors, overlays, etc., from being presented to the user to ensure there are no interruptions while the device is in use. This capability is particularly useful for kiosk devices.

In addition, SOTI MobiControl 14.3 goes beyond AER requirements to deliver additional management capabilities giving organizations more control over their Android devices. These capabilities include:

- **Agent Delivery Service (ADS) –** A new service in SOTI MobiControl that simplifies how administrators obtain and upgrade OEM-specific Android agents.

- **Packages for Android Enterprise work profiles -** Administrators can now send packages to work profile devices, giving them more flexibility for deploying line-of-business (LoB) apps to employee-owned devices.

- **Task scheduler for scripts –** A new profile configuration that schedules the execution of device-side scripts. Scripts can be scheduled to execute once during a specific time window, weekly, or on a periodic basis, ensuring scripts are only executed when the business needs them.

- **Restrict package installation to specific time windows –** Administrators now have the ability to specify when a package is installed on the device within an Android profile. Installation of a package can be restricted to a specific time period, and can be further restricted to only install on a specific day of the week, during the weekday, or only on the weekend.

Management Enhancements for Mac and iOS

SOTI MobiControl 14.3 adds numerous enhancements to macOS device management that improve agent configuration and application deployment and provide many more configuration profiles that can be targeted to the logged in user or the device. Highlights of the improvements include:

- **Automated agent enrollment –** SOTI MobiControl agent can be configured easily on enrolled macOS devices. Simply deploy the agent app to an enrolled device via SOTI MobiControl and the agent will automatically pull enrollment information from the device to configure itself. The agent supplements built-in MDM capabilities of Macs to give administrators additional information and capabilities on the device, including remote control.

- **New application types –** Administrators can now silently install macOS application bundle (.app) and Apple disk image (.dmg) files to devices via app catalog rules.

- **Alert rules –** macOS devices now support alert rules, enabling administrators to define alerts and actions based on various events and conditions on the device. For example, administrators can configure rules that check for security violations. Upon detection of a violation the rule can automatically send an email to the administrator, and revoke business apps from the device.

- **New Configuration Profiles -** 17 new macOS configuration profiles have been added that target the device and logged in user, including firewall settings, login restrictions, Filevault encryption, printer setup and support for F5 and custom SSL VPNs.

In addition, SOTI MobiControl 14.3 adds new management capabilities for iOS devices, including: the ability to search and apply updates for VPP B2B apps, requiring that SOTI MobiControl completes its initial setup during DEP enrollment before the device can be used, and the introduction of new restrictions that protect company contacts and passwords.

Management Enhancements for Linux

Investments in RFID solutions, powered by Linux-based RFID devices, have grown exponentially in industries such as retail, transportation and logistics, healthcare, and supply chain and manufacturing. However, the tools required to deploy, secure, monitor, and maintain Linux-based RFID devices have not evolved at the same rate, often costing IT departments time and staff to physically interact with these devices to perform functions, such as OS updates. SOTI MobiControl 14.3 addresses this gap by adding new Linux device management capabilities including, OS update management, SSH Terminal access to web administration consoles on headless devices to blacklist apps. In addition, SOTI MobiControl 14.3 adds support for Zebra's Linux-based FX7500 and FX9600 RFID readers – leading solutions in the RFID market.

SOTI Hub Improvements

SOTI Hub is SOTI MobiControl's secure content management solution for iOS and Android that secures access to company files located within the network and in the cloud. SOTI Hub, which integrates with NTFS file drives, OneDrive, SharePoint 2013 and SharePoint Online, adds support for Box. In addition, end users can now create Microsoft Word, Excel, and PowerPoint documents, as well as images within the SOTI Hub app and upload them directly into content repositories. Data loss prevention (DLP) capabilities on newly created content ensure sensitive company files are not disclosed to unauthorized parties due to copy & paste, file sharing or printing.

The Redesigned User Interface (UI) for Profiles and Packages

In SOTI MobiControl 14.3, SOTI introduced a new look and feel, along with new capabilities for the Administrative Console. This same UI design has now been extended to the Profiles and Packages sections in SOTI MobiControl. The re-designed UI simplifies the filtering and ad-hoc reporting of SOTI MobiControl profiles and packages, while offering an OS-agnostic view that simplifies their administration. New capabilities include:

- **Download/email lists of profiles and packages –** Profile and package lists can now be customized to display different properties and can be downloaded/emailed as a spreadsheet (CSV), enabling administrators to generate and send ad-hoc reports quickly.

- **Profile history -** Review the history of a profile including the configurations, packages and assignment targets of previous versions of the profile.

- **Download packages –** Administrators can now download package (.pcg) files directly from the web console.

Other Enhancements

Support for Microsoft Azure AD – SOTI MobiControl now supports Microsoft Azure AD for user authentication, and profile, app and content assignment.

New REST APIs – Numerous APIs have been introduced for integrating 3rd party systems, including the ability to create, update, delete and retrieve detailed information from profiles and packages.

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