

Service Data Importer V8 to V9

Last updated by | Fly, David C | Aug 30, 2024 at 9:48 AM CDT

Document information is based off software version 9.10.4.0513.

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Software Tools

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Understanding the import process

A new V9 service instance is installed and a new service database is created.

Information for import is extracted from the legacy V8 service database and serialized to file.

Using the V9 Service Config program, the user initiates the import process and selects the desired import options.

Legacy data is converted to V9 format, validated, and inserted into the new database.

It is important to note that no tool/inventory related data is imported during this part of the process.

Separately, existing devices are converted from V8 to V9. During the conversion, information can be extracted from the device database and serialized to file to speed up the conversion process. V9 devices can optionally import this serialized data during setup. When the converted V9 device is joined to the new V9 service, an inventory synchronization is performed and the V9 service receives the updated data.

SERVICE DATABASE IMPORT

Service Database Legacy Import Options

Import Zones

If this option is enabled, V8 Zones will be converted into V9 Organization Locations underneath the top level location. Imported Employees, Groups, and Parent Locations that are assigned a Zone will have their home location set to reflect the imported zone locations.

If this option is disabled, Zones will be ignored during the import.

Split Groups By Profiles

If this option is enabled, V8 Groups will be split into separate groups according to employee profiles assigned to that group. See the [Groups](#) import section for a more detailed description of this option.

Combine Identical Templates

If this option is enabled, any V8 Parent Locations with identical assigned Child Locations will share the same Work Location Template in V9.

If this option is disabled, any V8 Parent Location assigned Child Locations will have a unique Work Location Template created for it in V9.

Import Status Types

If this option is enabled, user customizations to status types in V8 will be imported to V9. See the [Status Types](#) section for more details.

Import Employee Images

If this option is enabled, V8 employee image files will be imported to V9.

Data that is NOT imported into V9 system

- Event History
- Custom Profiles
- Employee/Device Profile Assignments

- Reports/Custom Reports
- Email text notifications

Data imported into V9 database using Service Config import

Employees

Employee image files will be imported if [Import Employee Images](#) option is enabled.

V8 Field	V9 Field	Notes
EmployeeNumber	CustomerId	
Title	Title	
FirstName	FirstName	
MiddleInitial	MiddleInitial	
LastName	LastName	
Deactivated	Deactivated	
Email	Email	
CellPhone	CellPhone	Blank/incompletes converted to null
Carrier	Carrier	
UserName	UserName	Blank user names converted to null
ImageUpdated	ImageUpdated	Only if Import Employee Images Option
BadgeNumber	Badge	Separate table in V9
Zoneld	HomeLocation	Set to top level location if not importing Zones
Password	EmployeeAccess	Not imported for deactivated employees
ProfileId	(No equivalent field)	V9 no longer has separate profile for admin client program access
Biometrics	(No equivalent field)	

Groups

Group behavior has changed significantly from V8 to V9:

1. Device configuration options are no longer associated with a group.
2. Employee to group relationships have changed:
 - In V8, users were assigned a profile to a group, and devices were members of a group.
 - In V9, users are members of a group, and a group is assigned profile(s) in the location hierarchy.

V8 Field	V9 Field	Notes
Name	Name	
Zoneld	HomeLocation	Set to top level location if not importing Zones
(all others)	(no equivalent field)	

Group assignment mapping

The [Split Groups By Profiles](#) option dictates import behavior for employee group assignment:

Split By Profiles Enabled

Existing groups will be split into a separate group for each assigned default profile. The new name will be a combination of the legacy group and profile name (truncated if necessary). Employee group membership in the split group will be based on the V8 group/employee/profile mapping. So a V8 "Hangar 12 Group" might be split into "Hangar 12 Group_Admin", and "Hangar 12 Group_SystemUser".

Split by Profiles disabled

All imported employee/group memberships will remain in the single legacy group. Any differentiation based on assigned profiles will be lost.

Parent Locations

V8 Parent Location entries are imported in V9 as Work Locations underneath the top level location. If Import Zones option is selected, they will be placed under the equivalent imported zone location instead. The WorkOrderEntryEnabled option is *not* imported into V9.

Child Locations

V8 Child Location entries are imported in V9 as Work Location Template Sub Locations. The WorkOrderEntryEnabled option for child locations will be imported at the Work Location Template level. Parent/Child Location junctions are imported in V9 as Work Location Templates. The template name will be "{Parent Location Name} Template". If the [Combine Identical Templates](#) import option was selected, any completely identical set of child junctions will create a single template and assign it to multiple parent locations. If this option is not enabled, every parent assigned child junctions will have its own template created.

Zones

The V8 Zone concept has been replaced by the hierarchy of the location tree. If the [Import Zones](#) option is selected, V8 Zones will be created as org locations underneath the top level tree. Objects assigned to a zone will have their home location set to the appropriate sub location during import. Otherwise, zones will be ignored during the import process.

Status Types

V8 status types customizations will only be imported if the [Import Status Types](#) option is enabled. Some default status types have changed from V8 to V9. Only one of these changes is not a protected system status in V9.

ID	V8 Name	V9 Name	V9 Protected
4	OutForCalibration	OutForMaintenance	No
9	CalibrationOverdue	MaintenanceOverdue	Yes
10	InspectionOverdue	MaintenancePending	Yes
15	OutForInspection	IssuedPastDue	Yes
16	UserDidNotConfirm	NeedsConfirm	Yes

All other V8 status types have a matching V9 entry by default. V9 also has a number of extra "blank" statuses that can be enabled and customized by default.

System protected statuses will have any user customized background color imported. Non protected statuses will have names, colors, and issue behavior imported. (Note that the "OutForMaintenance" status type will always revert to the new default name during import. It can be manually changed afterwards if desired. V9 has added a number of new device types, so a status type's supported device settings will NOT import and will revert to V9 default values.

Local File Servers

Use of local file servers by devices is currently not supported in V9. V8 file server names will be imported but will have no functional effect on the system.

System Level Settings

The following system parameters will be imported from V8 to V9:

1. User Domains
2. Maintenance Date Lockout (only allow tool maintenance date changes through API)
3. Disable of Badge Reader SDK (required for certain custom badge scanner hardware)
4. Device login banner text
5. Device shutdown delay (amount of time device hardware will wait after shutdown before removing power)
6. Issued tools past due time period
7. SMTP parameters for email/text delivery

8. Tool user defined field titles

DEVICE CONVERSION PROCESS

Data NOT imported during device conversion process

- Tool User Defined Field data
 - Tool Calibration/Maintenance Dates
 - Issued tool data
 - Tool status data
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Data imported during device conversion process

- Tool part number/description
 - Drawer pallet relationships
 - Drawer training data
 - Foam file information
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