AccessXpert v3

Continuum Transition Tool -> AccessXpert

User Guide

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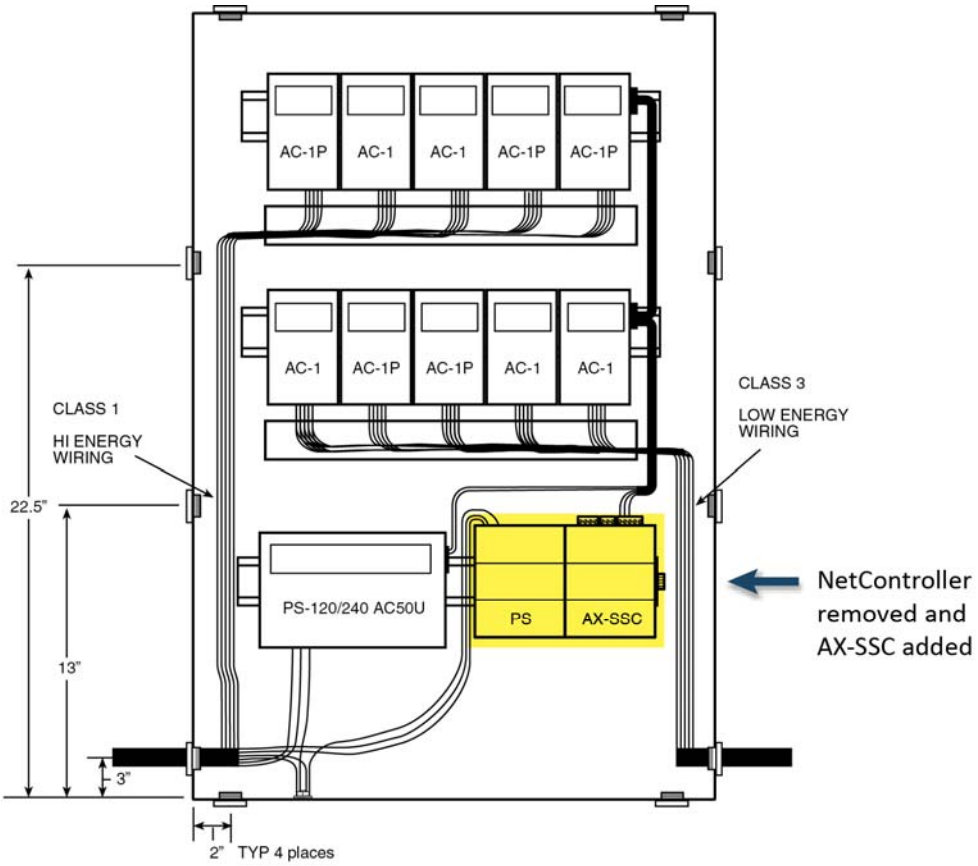
Overview of Continuum Security in AccessXpert v3

This user guide is meant to supplement the current AccessXpert v3 Quick Reference Manual that is available on The Exchange Download Center.

Hardware Guidelines:

Use the following hardware guidelines when transitioning an existing Continuum security system to AccessXpert v3.

- Remove the NetController and retain its power supply for powering AC-1 and AC-1 Plus devices.
  - Disconnect and remove the NetController.
  - Connect +24 VDC output power from the power supply to AC-1 and AC-1 Plus devices
- Add an AX-SSC to take over RS-485/LON communications.
  - Install the AX-SSC and its power supply.
    Refer to the following documents on The Exchange Download Center for installation instructions and technical information:
    - Terminal Base TB-PS-W1 Installation Instructions
    - W1-Sized PS Modules Installation Sheet
    - Power Supply PS-24V Specification Sheet
    - Terminal Base TB-ASP-W1 - Installation Sheet
    - AX-SSC - Hardware Installation Sheet
  - Connect the RS-485 RX/TX or LON TP/FT wires from AC-1 and AC-1 Plus devices to the AX-SSC.



ENC-type Enclosure

Software Guidelines:

Use the following software guidelines when transitioning an existing Continuum security system to AccessXpert v3.

- Install and configure the AX-SSC Device Administrator.
  Refer to the following document on The Exchange Download Center for installation instructions:
  - AccessXpert Security System Controller Software Installation Guide
- Install AccessXpert v3.
  - Run the installer and follow the online prompts.
- Create the security system in AccessXpert v3.
  - Greenfield Approach (starting from scratch).
    - Refer to the document named “Continuum Security in AccessXpert v3” available on The Exchange Download Center.
  - Transition Approach (converting an existing Continuum system).
    1. Perform a root dump of Continuum personnel and area data.
    2. Perform a controller dump of door and I/O data for each AC-1 and AC-1 Plus.
    3. From the command line, import the Continuum personnel and area data.
    4. As a specific area is being transitioned to AccessXpert v3, import that area’s applicable controller dumps of door and I/O data.

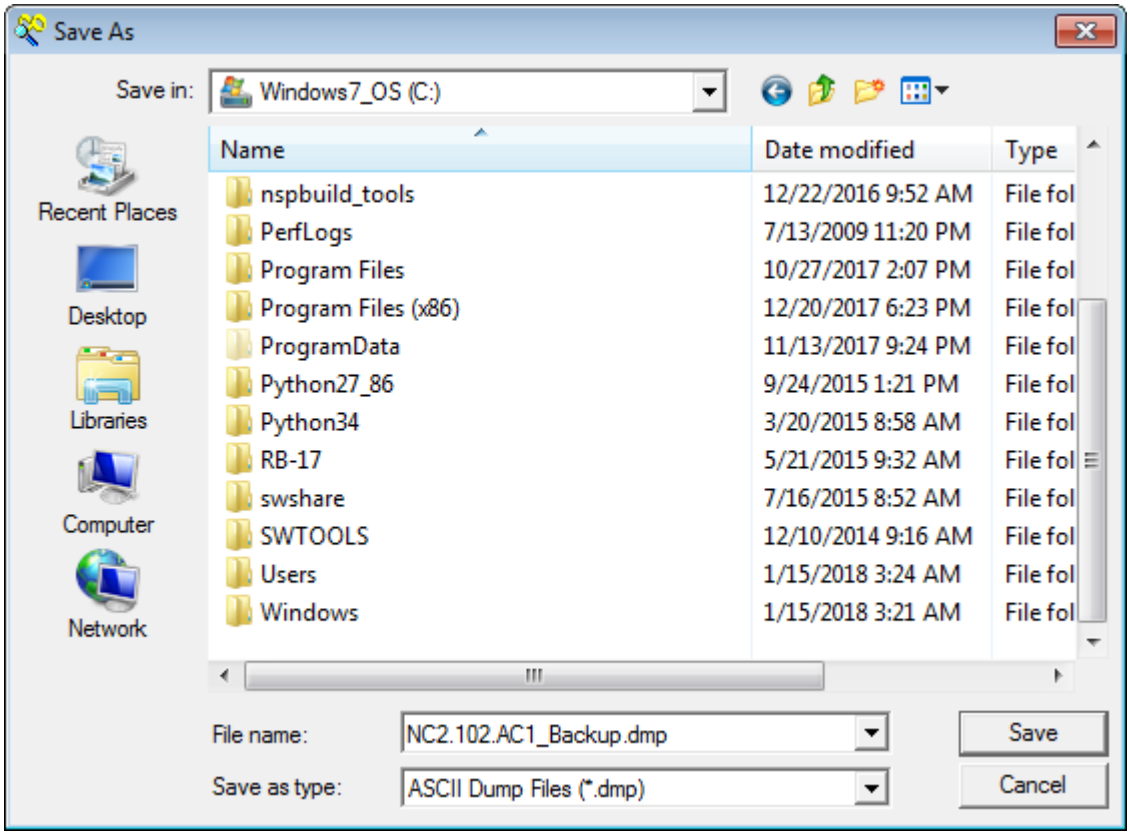
Continuum Conversion Tool

The Continuum Conversion tool is a command line utility that will assist in converting Continuum Personnel and Access Control objects from a Continuum Dump file to AccessXpert v3. *Additional work will be required to complete the configuration of AccessXpert v3 once the Conversion tool is run.

Creating Continuum Dump Files:

Use the following instructions to create Continuum dump files.

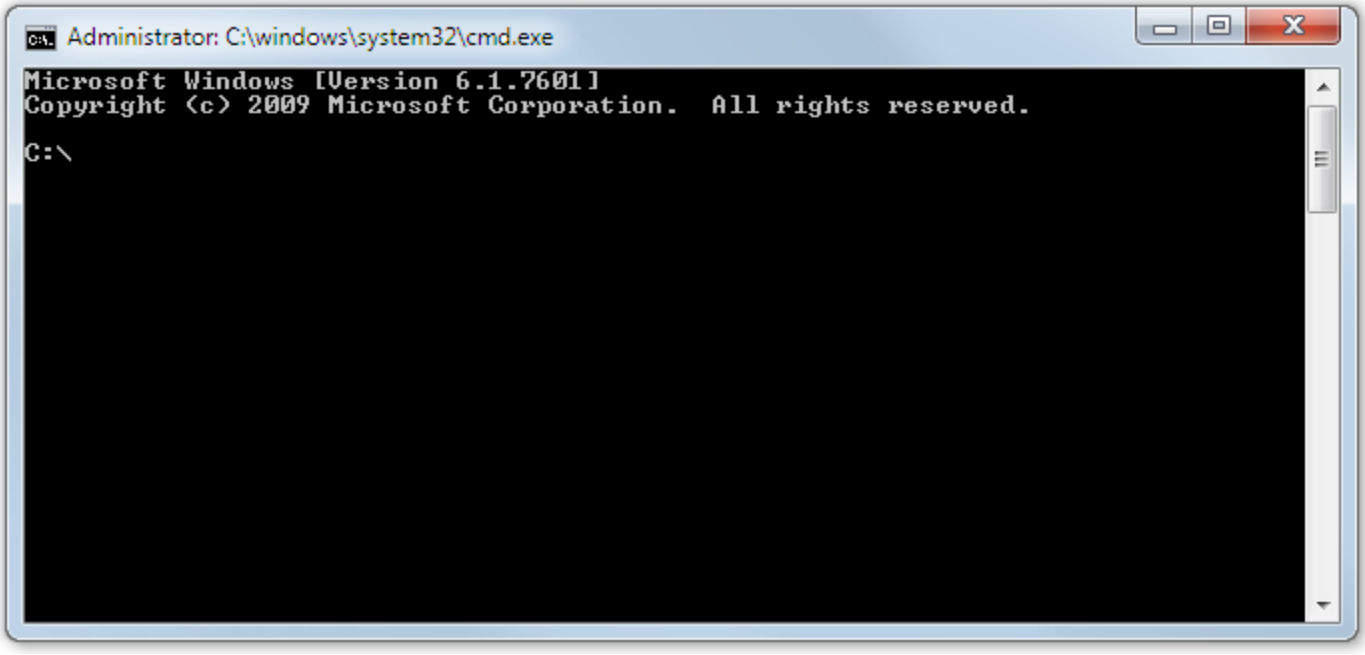
1. From the Continuum Root, create a dump file which contains all the Areas and Personnel to be converted to AccessXpert v3.
   - Areas and Personnel need to be imported only once.
2. Create addition Dump files for the NC2 Controllers to be converted to AccessXpert v3.
   - NC2 Controllers with their associated AC-1's can be converted and imported incrementally.



Running Continuum Conversion Tool

Use the following instructions to install and use the Continuum Conversion Tool.

1. Unzip AccessConversion.zip to a local folder
2. Start a command line.



3. Use CD to navigate to the location of the AccessConversion folder.

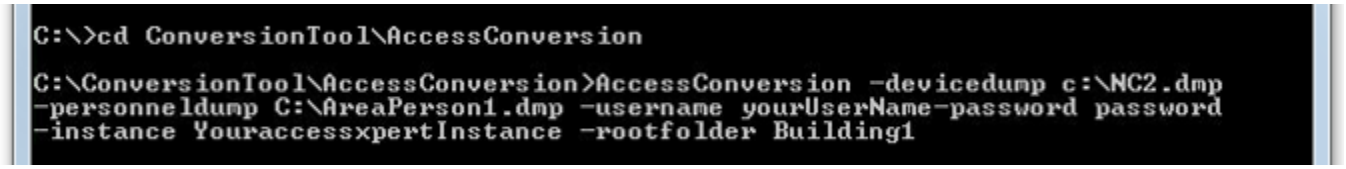
Enter Command to Convert Objects:

Run the following command to import from Continuum Dump files into AccessXpert v3:

AccessConversion -**devicedump** physicaldump **-personneldump** logicaldump **-username** nameuser **-password** passworduser -**apiserver** serverIP**-instance** accessxpert -**subinstance** instanceunderroot**–rootfolder** folderroot **-subfolder** foldersub

Where:

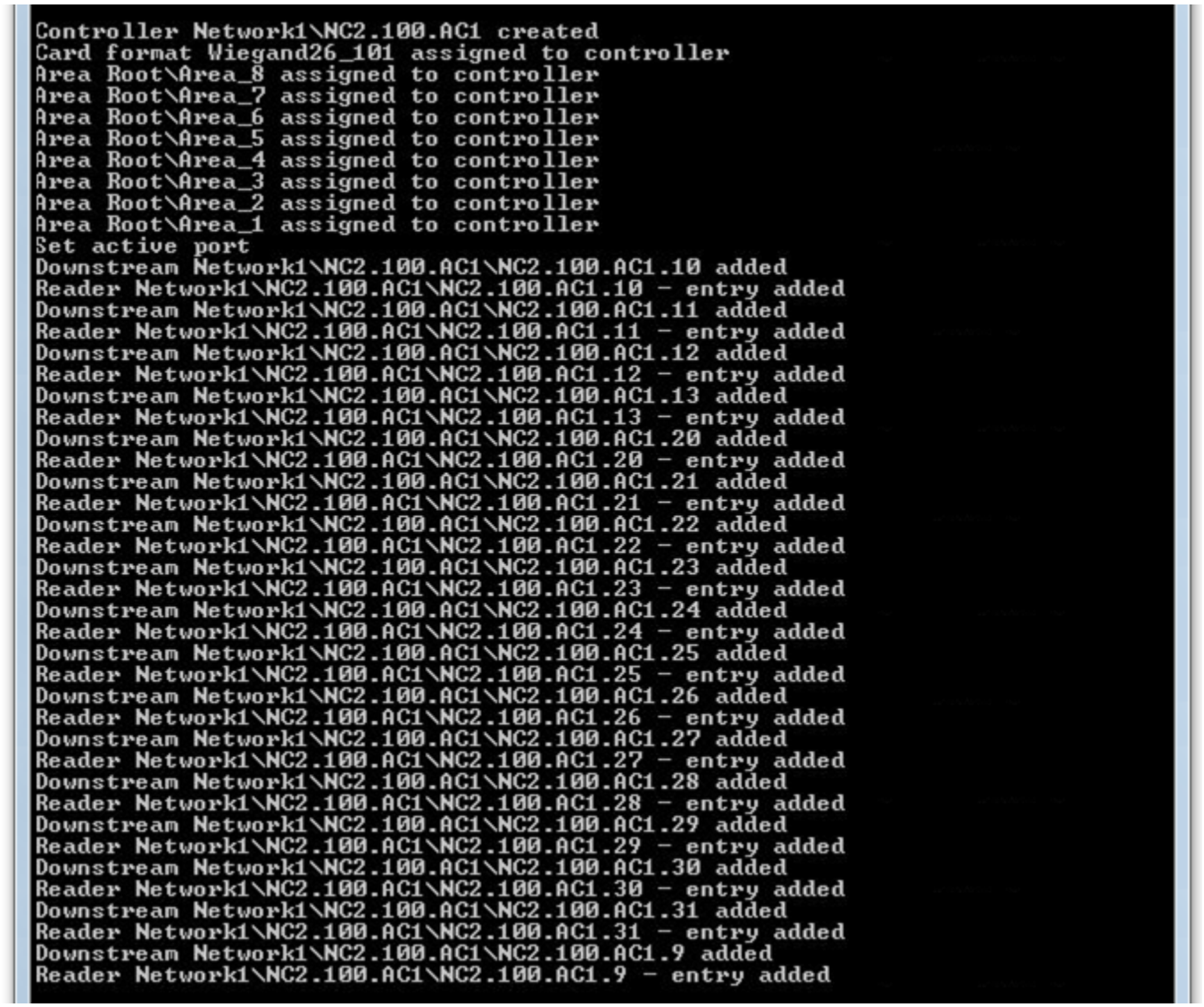
- **physicaldump** – is the path to the dump file containing devices
- **logicaldump** – is the path to the dump file containing area and personnel objects.
  - You can use relative path or absolute path.
  - Make sure there is no space in the path.
- **nameuser** – is the user name of the AccessXpert admin login.
- **passworduser** – is the password of the AccessXpert admin login.
- **apiserver** – IP address of on Premises AccessXpert server
- **instance** – instance name used to log in -Root instance
- **subinstance** – Instances created under the root instance
- **folderroot** – is the root folder in AccessXpert the converted objects will be put into
  - You may create this folder in AccessXpert before running this command line, or allow this command to create the folder automatically.
  - If you omit this argument, the default root will be used.
- **foldersub** – is the sub folder under folderroot; A new folder with name of foldersub will be created. In AccessXpert it's possible that folders have the same name.



Note: If there is an error with the command line arguments, the conversion attempt will fail and an error will be generated in the command line stating the incorrect argument.

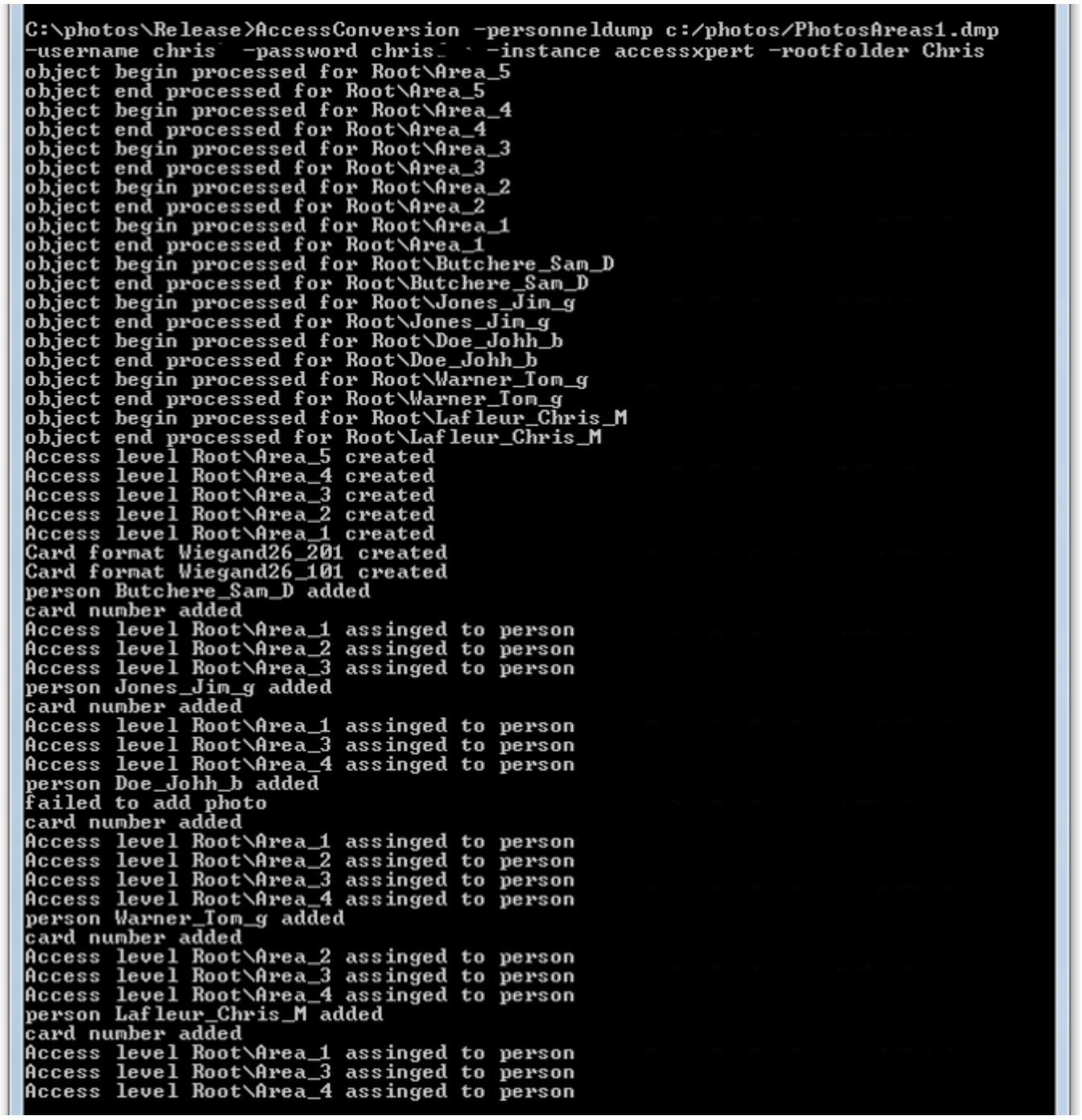
Conversion tool creating AX-SSC, Areas, and AC-1's into AccessXpert v3:

As the AX-SSC, areas, and AC-1's are being converted, you can observe the progress in the command window.



Conversion tool creating Personnel and Area's converted:

As the personnel and areas are being converted, you can observe the progress in the command window.



Supported objects in Continuum Conversion Tool

The following objects are supported in the Continuum conversion tool.

- Areas in Continuum will be added to all controllers;
- For each area in Continuum, an access level will be created with the common name as the area's full path;
- For each personnel object in Continuum, a person will be created;
- Card types used in Continuum will be converted to Card Formats; If the card type has site codes, separated Card Formats will be created for each site code named as "Card type" + "Site code";
- Access levels will be assigned to a person if the person has area links; Notice that the access level has the area's full path as common name;
- A controller will be created from Infinity controller if it has ac-1 or ac-1plus IOU modules;
- Each ac-1 or ac-1plus will be converted to a downstream and reader if the channel of the IOU module is used in a door
- The downstream is named as IOU module's full path;
- The reader is named as IOU module's full path plus " - entry" if it's used at entry of a door and " - exit" if it's used at exit of a door;
- The reader is added to an area if the area is either the entry or the exit area of a door which the reader is attached to;
- An Always schedule is created and used in all access level entries;

Unsupported objects in Continuum Conversion Tool

The following objects are *not* supported in the Continuum conversion tool.

- Personnel Photos
- All Schedules
- Graphics
- Plain English programs and Functions
- Reports
- IOU modules other than AC-1s
- Groups
- Infinity Numerics
- Infinity Strings
- Infinity DateTime values
- Infinity Inputs
- Infinity Outputs
- Binary Values
- Multistate Inputs
- Multistate Outputs
- Multistate Values
- Programs
- Listviews
- EventViews
- CyberStation Users
- Events
- Alarms
- Continuum Security Levels and permissions

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