

# Viewing ConneX™ Data Records

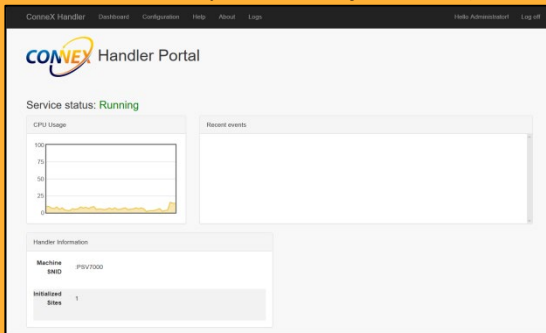
## 1 – Add Programmer(s)

### Minimum Software Requirements

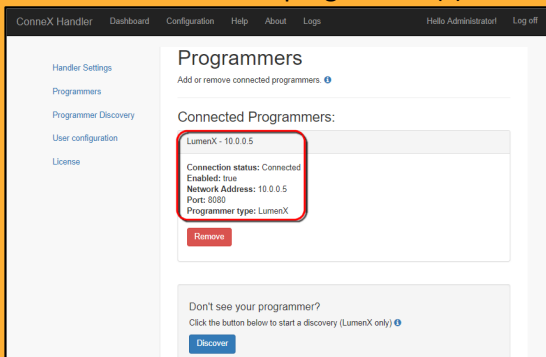
- LumenX Data Management Software (DMS) version 1.4.1+
- TaskLink for Windows version 8.60
- Automated Handler (AH700) version 2.6.2+ (for PSV7000 systems)

### A: View Connected Programmer(s)

1. After downloading and installing ConneX, open a browser window to <http://localhost:5000>.
2. Login to the ConneX Handler Portal page (username = **Administrator**; password = **password**).

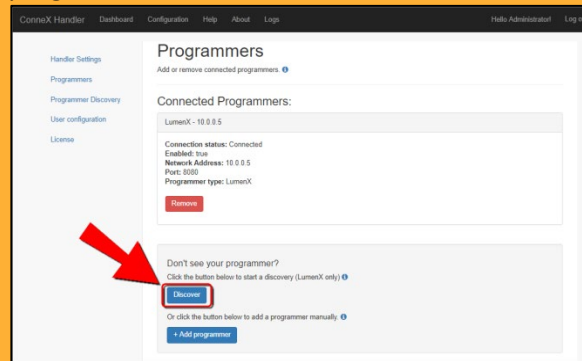


3. In the main menu (at top), click **Configuration**; then in the left pane, click **Programmers**.
4. Confirm the connected programmer(s).

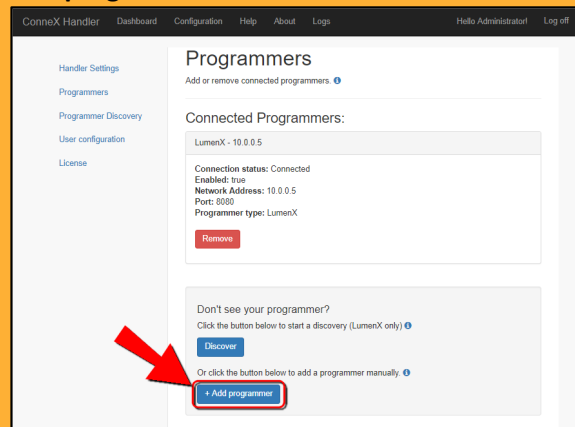


### B: Add/Discover Programmer(s)

1. To automatically detect and connect to programmers, click **Discover**.

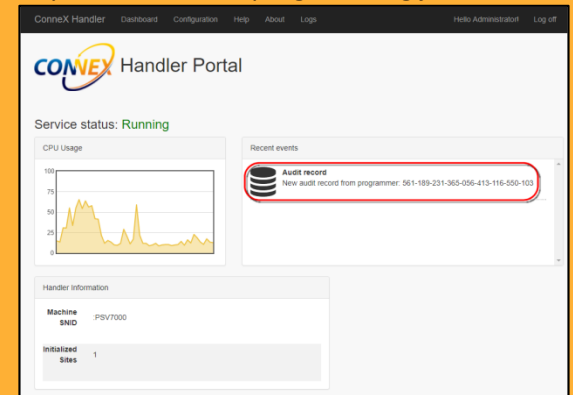


2. To manually add programmers by IP address, click **Add programmer**.

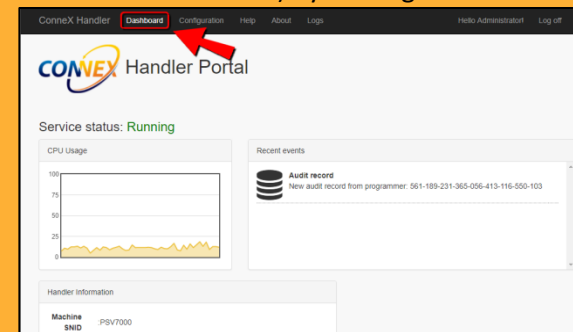


### C: Launch ConneX Handler Portal

1. With the programmer(s) connected, return to the Handler Portal page at <http://localhost:5000>.
2. In the right pane, monitor the **Recent events** box as you run a device programming job in LumenX.



3. After you run a device programming job, you can also view historical data (in addition to real-time data in **Recent events**) by clicking **Dashboard**.



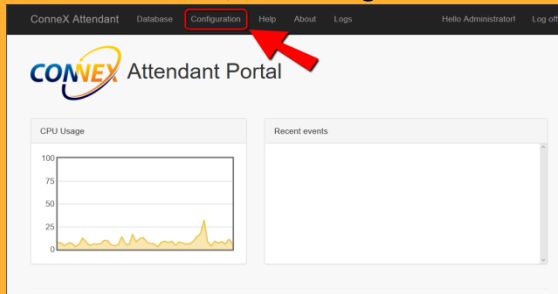
# Viewing ConneX™ Data Records (continued)

## 2 – View ConneX Data

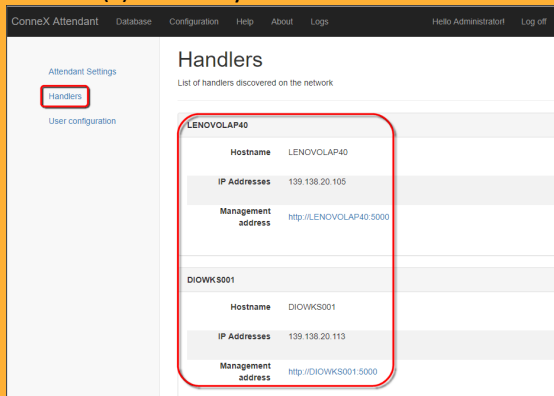
- To access ConneX Handler, open a browser to <http://localhost:5000>.
- To access ConneX Attendant, open a browser to <http://localhost:5001>.
- For information about license activation, XML details, and data template customization, see [http://ftp.dataio.com/Test/ConneX\\_GSG.pdf](http://ftp.dataio.com/Test/ConneX_GSG.pdf).

### D: Launch ConneX Attendant Portal

- To view data across all ConneX Handlers, open a browser window to <http://localhost:5001> and login (username = **Administrator**; password = **password**).
- To verify the ConneX Handler(s) connected to the ConneX Attendant, click **Configuration** at the top.

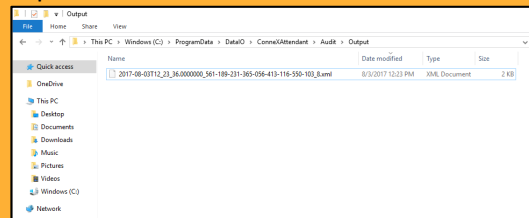


- On the **Attendant Settings** page, click **Handlers** in the left navigation, and verify that ConneX lists the Handler(s) currently connected to Attendant.



### E: View ConneX Data in XML

- Open File/Windows Explorer and navigate to **C:\ProgramData\DataIO\ConneXAttendant\Audit**.
- The **Output** directory contains XML data records copied from the ConneX database.

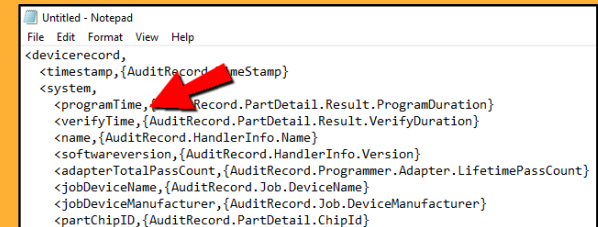


- Use any text editor (such as Notepad) to view the XML data record.

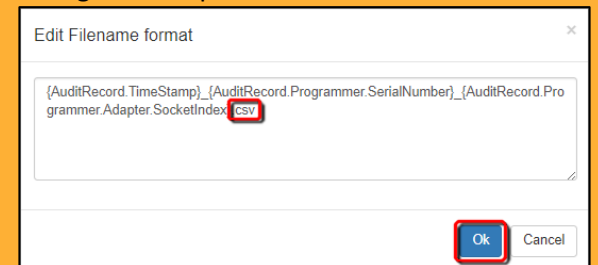
```
<?xml version="1.0" encoding="utf-8" ?>
<devicerecord>
  <timestamp>2017-08-03T12:23:36.0000000</timestamp>
  <system>
    <name>Lenovlap40</name>
    <softwareversion>2.0.0.78</softwareversion>
    <ip>
      <address>10.0.0.5</address>
    </ip>
    <machineSNID>PSV7000</machineSNID>
    <machineName>Lenovlap40</machineName>
    <factoryName>Texas_FactoryXYZ</factoryName>
  </system>
  <program>
    <progClass>LumenX</progClass>
    <progSerialNum>561-189-231-365-056-413-116-550-103</progSerialNum>
    <progVersion>1.3.6198.30204</progVersion>
    <adapter>
      <number>110008</number>
      <serialNumber>561-189-231-365-056-413-116-550-103</serialNumber>
      <socketCount>146079</socketCount>
      <adapterIndex>8</adapterIndex>
    </adapter>
  </program>
  </system>
  <job>
    <jobName>Job ABC</jobName>
    <jobDescription></jobDescription>
    <algorithmID>34761085691379200</algorithmID>
  </job>
  <partDetails>
    <uid></uid>
    <progResults>
      <resultCode>0</resultCode>
      <resultCodeName>Success</resultCodeName>
      <passPosition></passPosition>
      <eraseTime>0</eraseTime>
      <blankCheckTime>0</blankCheckTime>
      <programTime>44.643</programTime>
      <verifyTime>26.413</verifyTime>
      <deviceError></deviceError>
    </progResults>
  </partDetails>
  <serialData></serialData>
</devicerecord>
```

### F: View ConneX Data as CSV

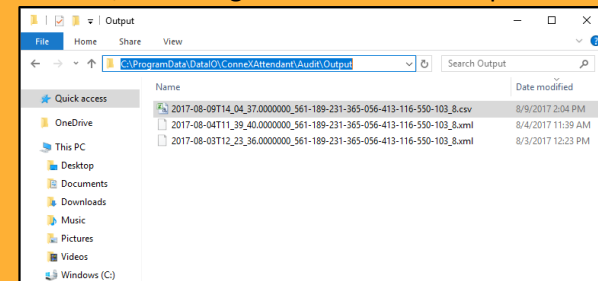
- Modify the template and convert XML to CSV.



- Change the output file format from XML to CSV.



- ConneX starts to copy records from its database to .CSV file, according to the modified template.



# Viewing ConneX™ Data Records (continued)