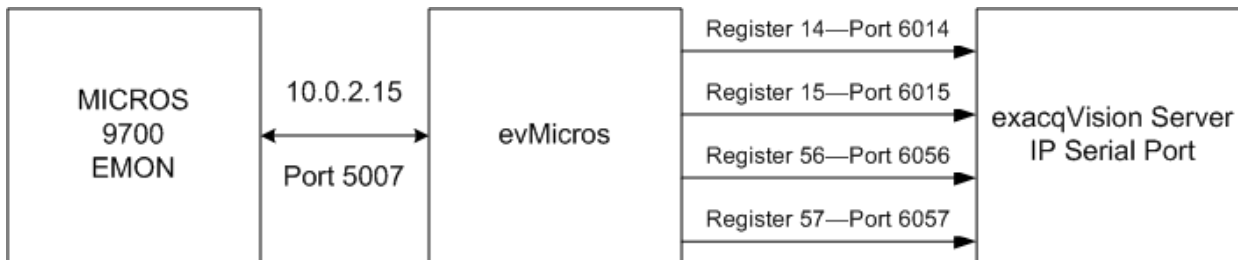## Introduction

evMicros.exe allows a user to integrate a Windows-based exacqVision system with a Micros 8700/9700 server via the Micros Video Services Systems (VSS) Interface. evMicros separates the combined device data from the Micros 8700/9700 server into individual streams for display on the exacqVision system. evMicros runs as a service on the exacqVision system, and each device is configured inside an XML settings file.

NOTES:

- In this document, the Micros system will be referred to as Micros 9700, even though Micros 8700 is also supported.
- If a Micros system other than the 8700/9700 with VSS is used, there are other methods for implementing a POS integration, such as using Transacq. Please see https://exacq.com/integration/retail_analytics/.

The following flow chart and XML file illustrate an example evMicros configuration.


```
– <eDVR>–
 – <Micros Address="10.0.2.15" Port="5007">
   <Register Number="14" Port="6014" />
   <Register Number="15" Port="6015" />
   <Register Number="56" Port="6056" />
   <Register Number="57" Port="6057" />
  </Micros>
 </eDVR>
```

NOTE: In some cases, it might be necessary to add an XML tag on the first line, as shown in the following example. This would indicate which column of data to look at from the Micros 9700 journal file:

```
<Micros Address="10.0.2.15" Port="5007" Field="XX">
```

XX would usually be "10," but it might be a different value to properly receive the journal data from the Micros 9700.

NOTE: EMON is the Event Monitoring process that runs on the Micros 9700 server. EMON must be configured and running before you run the evMicros service on the exacqVision system. For information about EMON, see the Micros 9700 manufacturer's documentation. **It is critical that you configure the journal file and virtual printer for each Micros 9700 device from which you want to receive data.**

Installing evMicros

To install evMicros, simply run the EXE file and follow the onscreen instructions. You can then open the evMicros.xml file from the location selected during installation (C:\Program Files\exacqVision\evMicros by default).

Configuring the XML Settings File

In the XML file sample above, note the TCP/IP address and port number (5007 by default) of the Micros 9700 server, and the port number configured for each register device. You can change the XML file to add lines for additional registers or to modify port numbers. After changing the file, you must restart the evMicros (or exacqVision Micros Integration) service using the Windows Service Control Manager.

NOTE: If you have any issues with the connection between exacqVision and the Micros 9700 server, you can check the evMicros.log file for messages. This file can also be found in the location selected during installation.

Configuring the exacqVision Client

In exacqVision client, you must create a serial profile for Micros data using the Serial Profile Setup page, and then configure the devices on the Serial Port Setup page using that profile. Each device should have a separate entry on the Serial Port Setup page, with POS selected in the Use column, TCP selected as the Type, and the port number as configured in the XML file. The following figure shows what the Serial Port Setup page might look like using the previous example:

After the serial ports are configured, the devices should appear in the exacqVision Client tree, as shown in the following figure.