

Current ENWIN Integration Points with SENSUS (HES)

1. USDP Request and Response

- NorthStar CIS to/from MDM/R

2. Synchronization Files

(Meter Installations, Meter Removals, and all synchronization parameter changes)

- Originated from NorthStar CIS
- The same sync files are sent to the following systems:
 1. MDM/R
 2. Sensus RNI SFTP site
- ODS/MDM (MeterSense) – via datasync script between NorthStar CIS and SmartWorks – MeterSense

3. Sensus (HES)

- Sends CMEP (Reads) directly to MDM/R
- Sends the same CMEP (Reads) file to MDM/ODS (SmartWorks – MeterSense)
- Provides voltage and other alarm reports, which are processed into ODS (SmartWorks – MeterSense)
- Sends all MultiSpeak events/alarms to ODS (SmartWorks – MeterSense); currently, only one endpoint is supported.

4. MDM/ODS

- Sends estimation data to MDM/R and forwards it to the Customer Portal (myENWIN)
- All MultiSpeak alarms/messages comes thru MDM/ODS (SmartWorks – MeterSense) allowing for
 - Only relevant alarms (6 customized MultiSpeak messages) are filtered and forwarded to the OMS to eliminate unnecessary nuances or noise.
 - Outage Call In
 - Single Phase Fail Call In
 - PowerOn Call In
 - Transmission Failure Call In
 - NoResponse Call In
 - Restoration Call In

