MAY 2022

eXLent Enterprise Software

Custody Transfer Data Management

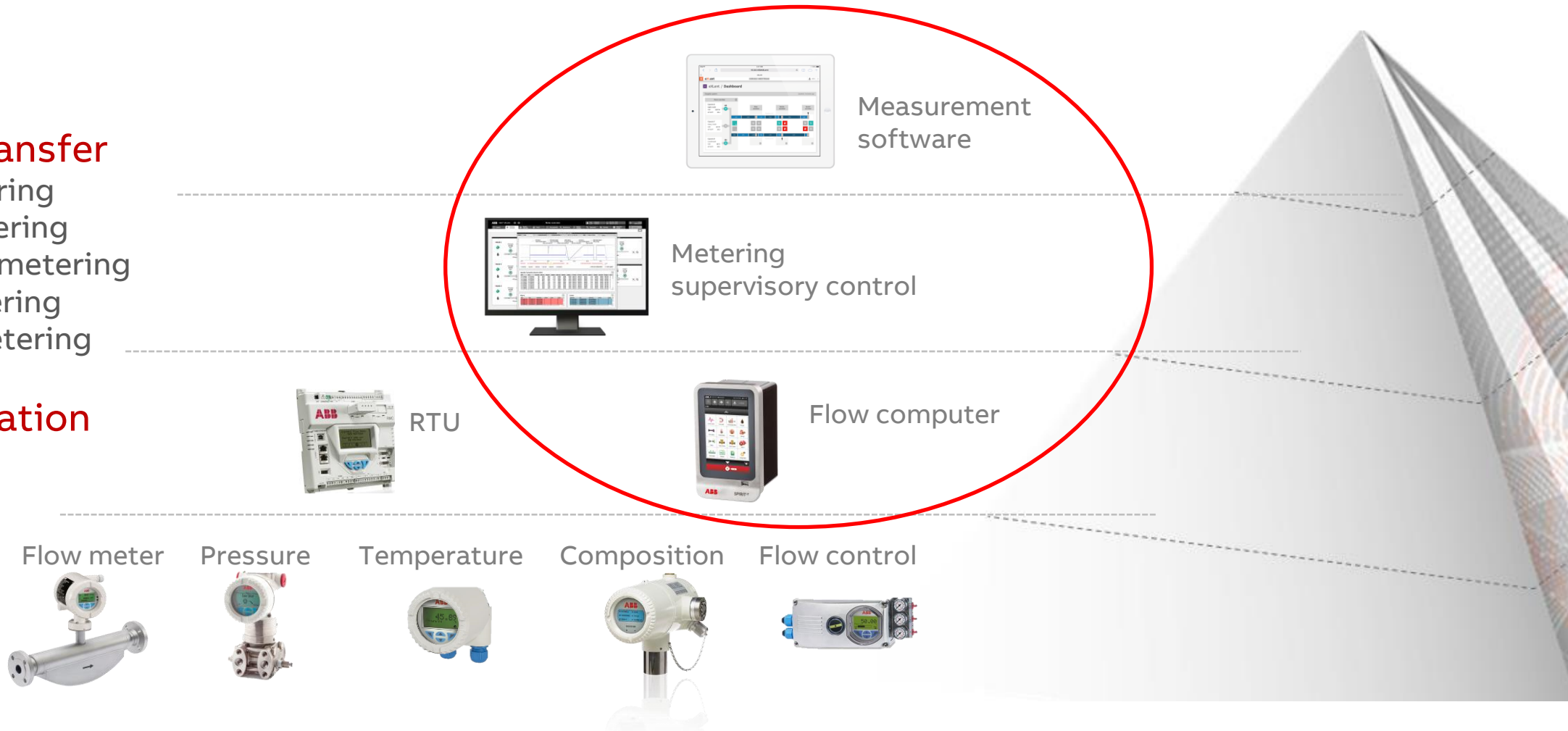ABB Flow Computers - Spirit IT – Eindhoven NL

ABB

High accuracy flow automation & optimization

Custody transfer
- Flow metering
- Fiscal metering
- Allocation metering
- Sales metering
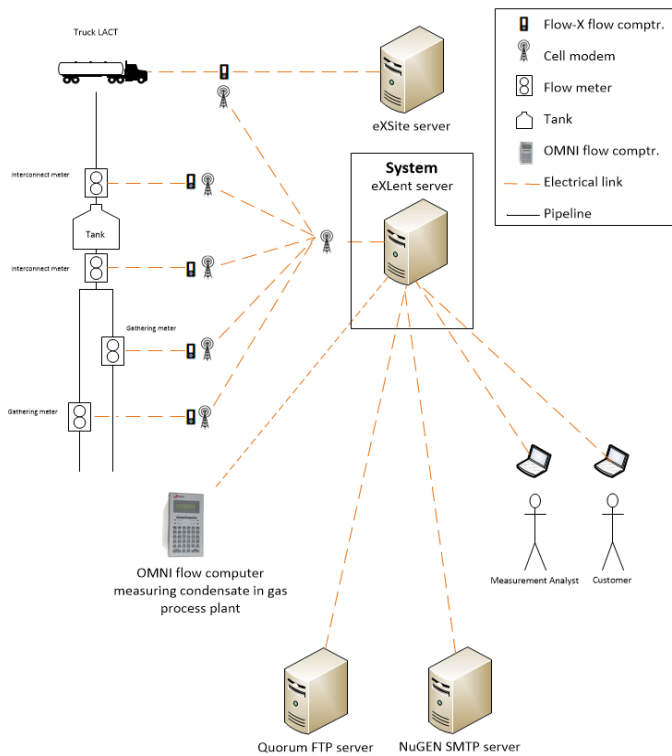- Royalty metering

Flow calibration

Measurement software

Metering supervisory control

RTU

Flow computer

Flow meter

Pressure

Temperature

Composition

Flow control

ABB

eXLent reference

LACT Management – Multiple locations, USA

Lease Automated Custody Transfer

Central data management

Web UI

eXLent reference

Automated Billing & MQA System - Rapid Refinery, Malaysia

Automated Billing

211 flow meters   **7** companies
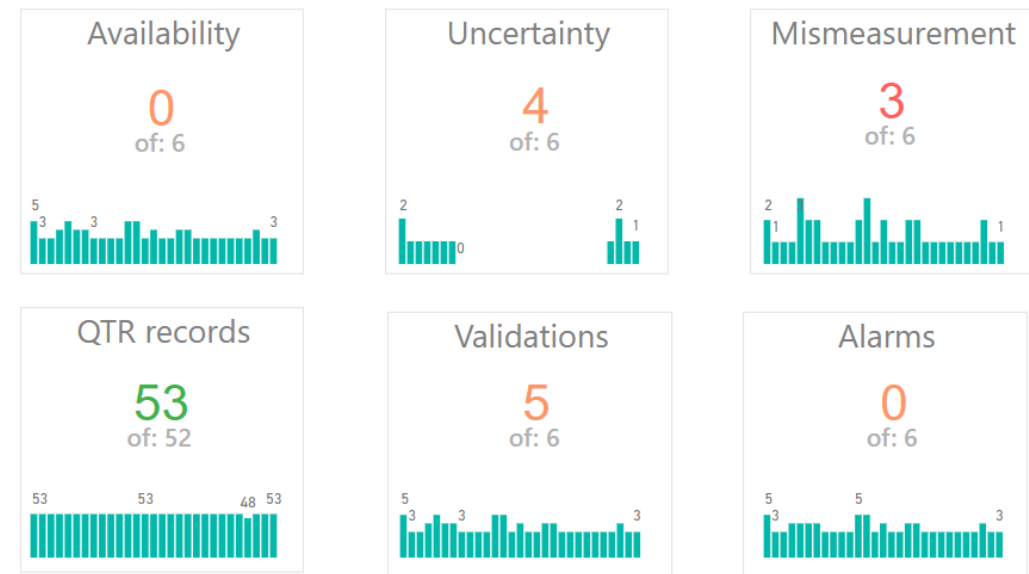
41 users   **151920** hourly tickets / month

Measurement Quality Assurance

Dashboards with Real-time KPI's

Identifies the 'bad actors' in financial terms

eXLent reference

Custody Transfer data processing system - Sempra, Mexico

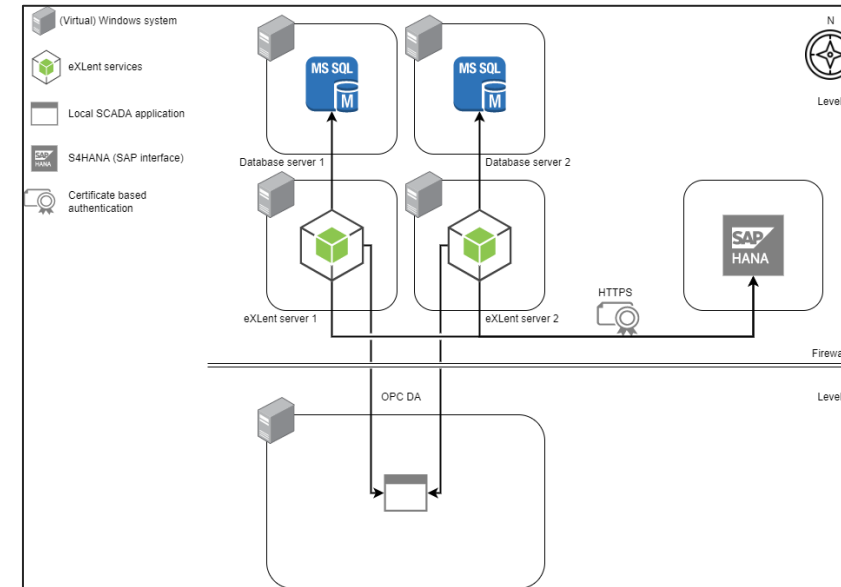## Automated reporting to Mexican Tax Authority

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<Covol:ControlesVolumetricos xmlns:Covol="https://repositorio.cloudb.sat.gob.mx/Covol/xml/Mensuales" xmlns:tr="Comple-
mento_Transporte">
    <Covol:Version>1.0</Covol:Version>
    <Covol:RfcContribuyente>TDF040803I66</Covol:RfcContribuyente>
    <Covol:RfcRepresentanteLegal>HESD4906017C3</Covol:RfcRepresentanteLegal>
    <Covol:RfcProveedor>AME920102SS4</Covol:RfcProveedor>
    <Covol:Caracter>
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C.V., con una capacidad máxima promedio garantizable de 30,000 barriles por día o (4,779,000 litros por día).</Covol:De-
scripcionInstalacion>
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            <Covol:ComposDePropanoEnGasLP>61.70</Covol:ComposDePropanoEnGasLP>
            <Covol:ComposDeButanoEnGasLP>37.03</Covol:ComposDeButanoEnGasLP>
        </Covol:GasLP>
        <Covol:REPORTEDEVOLUMENMENSUAL>
```

Strictly formatted XML file upload to government website

Data acquisition: automatic, file upload and manual data entry
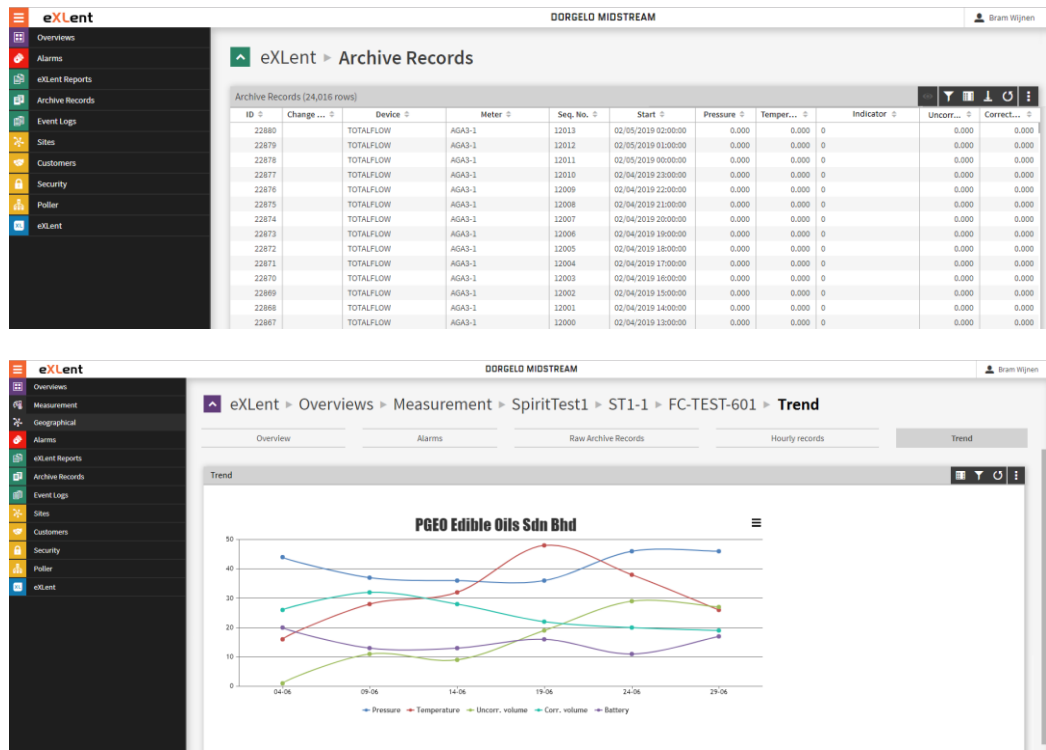
Data connectivity

Based on OPC DA and web API

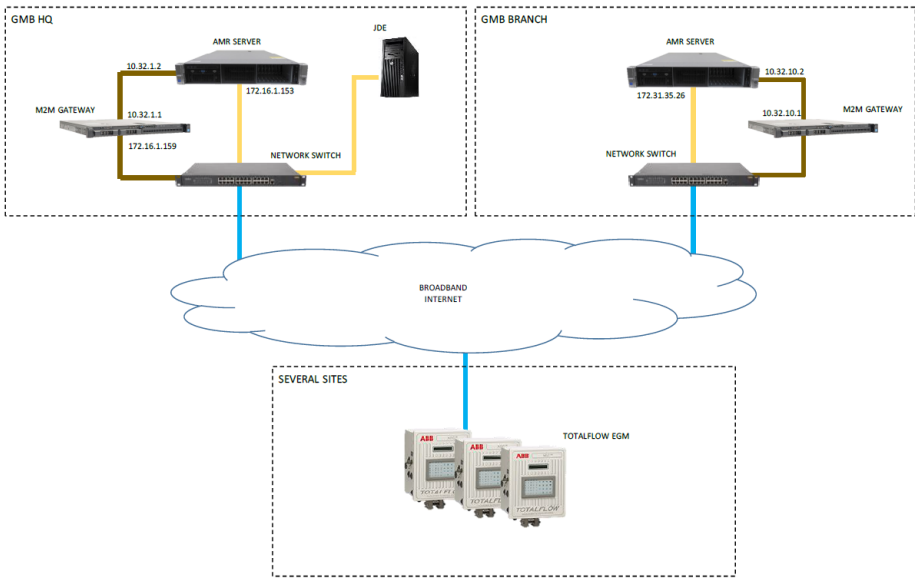Connects to industrial control systems and SAP/HANA

eXLent reference
Automated Meter Reading System, Gas Malaysia

Hourly EFM data

Backfilling

Automatic acquisition of hourly data from remote devices

Web access, redundant database, alarming and trending