

MAY 2022

eXlent Enterprise Software

Custody Transfer Data Management

ABB Flow Computers - Spirit IT – Eindhoven NL

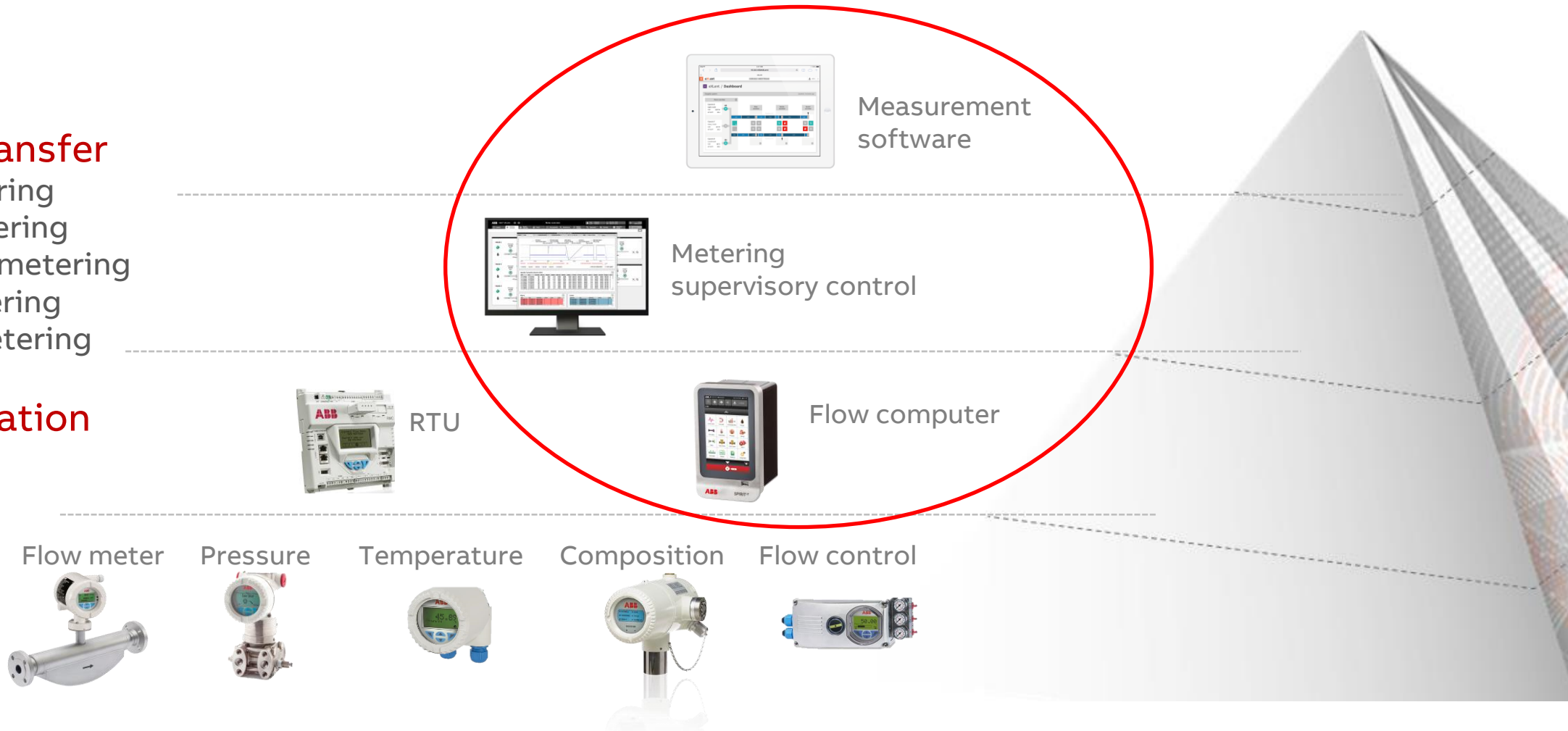


High accuracy flow automation & optimization

Custody transfer

- Flow metering
- Fiscal metering
- Allocation metering
- Sales metering
- Royalty metering

Flow calibration



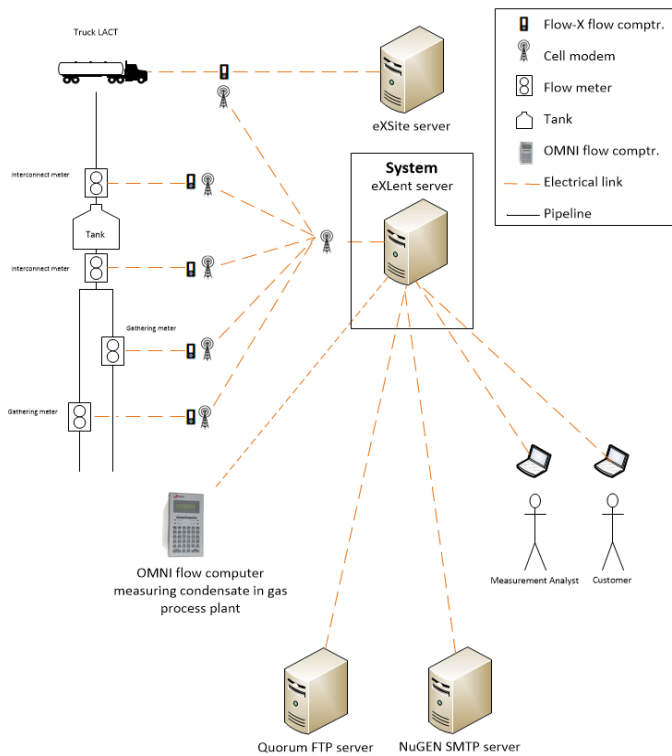
eXLent reference

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

The screenshot displays the 'eXLent' interface within the 'SMARTCEN ENTERPRISE' system. The breadcrumb navigation shows: eXLent > Overviews > Measurement > Pengerang Power Sdn. Bhd. > HP Steam > PRPC Utilities and Facilities Sdr. The main area shows a table of 'Daily Records (93 rows)'. The table has columns for ID, Change, Start, End, Status, BSAW, Buyer Company, Close T..., Density, Differen..., Duration, Energy, Flow Time, and Freque... The table contains multiple rows of data, including dates, status (Original, Changed), and various numerical values.

ID	Change	Start	End	Status	BSAW	Buyer Company	Close T...	Density	Differen...	Duration	Energy	Flow Time	Freque...
5,204	1	06/Feb/2020 00:00...	07/Feb/2020 00:00...	Changed	0.000	PRPC Utilities and Faci...	820,056.3457	17.4527	77.17	86400 sec...	0.00	86398 sec...	0.0000
5,235		05/Feb/2020 00:00...	06/Feb/2020 00:00...	Original	0.000	PRPC Utilities and Faci...	828,276.9555	17.3964	64.05	86400 sec...	0.00	86398 sec...	0.0000
5,232		04/Feb/2020 00:00...	05/Feb/2020 00:00...	Original	0.000	PRPC Utilities and Faci...	827,554.2534	17.4000	57.54	86400 sec...	0.00	86397 sec...	0.0000
5,189		02/Feb/2020 00:00...	04/Feb/2020 00:00...	Original	0.000	PRPC Utilities and Faci...	826,889.6592	17.3723	68.24	86400 sec...	0.00	86398 sec...	0.0000
5,186		02/Feb/2020 00:00...	03/Feb/2020 00:00...	Original	0.000	PRPC Utilities and Faci...	826,125.8357	17.3720	56.83	86400 sec...	0.00	86398 sec...	0.0000
5,143		01/Feb/2020 00:00...	02/Feb/2020 00:00...	Original	0.000	PRPC Utilities and Faci...	825,454.8841	17.3873	68.02	86400 sec...	0.00	86397 sec...	0.0000
5,120		31/Jan/2020 00:00...	02/Feb/2020 00:00...	Original	0.000	PRPC Utilities and Faci...	824,716.8976	17.3869	73.82	86400 sec...	0.00	86398 sec...	0.0000
5,097		30/Jan/2020 00:00...	31/Jan/2020 00:00...	Original	0.000	PRPC Utilities and Faci...	823,947.6093	17.4111	61.13	86400 sec...	0.00	86397 sec...	0.0000
5,070		29/Jan/2020 00:00...	30/Jan/2020 00:00...	Original	0.000	PRPC Utilities and Faci...	823,245.1573	17.4215	55.53	86400 sec...	0.00	86397 sec...	0.0000
5,047		28/Jan/2020 00:00...	29/Jan/2020 00:00...	Original	0.000	PRPC Utilities and Faci...	822,570.4204	17.4316	51.62	86400 sec...	0.00	86398 sec...	0.0000
5,024		27/Jan/2020 00:00...	28/Jan/2020 00:00...	Original	0.000	PRPC Utilities and Faci...	821,923.7833	17.4209	49.11	86400 sec...	0.00	86397 sec...	0.0000
5,001		26/Jan/2020 00:00...	27/Jan/2020 00:00...	Original	0.000	PRPC Utilities and Faci...	821,289.5068	17.3835	47.79	86400 sec...	0.00	86398 sec...	0.0000
4,978		25/Jan/2020 00:00...	26/Jan/2020 00:00...	Original	0.000	PRPC Utilities and Faci...	820,667.5770	17.3651	44.65	86400 sec...	0.00	86398 sec...	0.0000
4,955		24/Jan/2020 00:00...	25/Jan/2020 00:00...	Original	0.000	PRPC Utilities and Faci...	820,066.3534	17.3950	39.89	86400 sec...	0.00	86397 sec...	0.0000
4,932		23/Jan/2020 00:00...	24/Jan/2020 00:00...	Original	0.000	PRPC Utilities and Faci...	819,497.5388	17.3759	36.37	86400 sec...	0.00	86397 sec...	0.0000
4,909		22/Jan/2020 00:00...	23/Jan/2020 00:00...	Original	0.000	PRPC Utilities and Faci...	818,954.1256	17.3762	33.23	86400 sec...	0.00	86398 sec...	0.0000
4,886		21/Jan/2020 00:00...	22/Jan/2020 00:00...	Original	0.000	PRPC Utilities and Faci...	818,436.6337	17.4327	26.02	86400 sec...	0.00	86397 sec...	0.0000
4,853		20/Jan/2020 00:00...	21/Jan/2020 00:00...	Original	0.000	PRPC Utilities and Faci...	817,977.8970	17.4417	31.88	86400 sec...	0.00	86398 sec...	0.0000
4,830		19/Jan/2020 00:00...	20/Jan/2020 00:00...	Original	0.000	PRPC Utilities and Faci...	817,467.8296	17.4316	34.88	86400 sec...	0.00	86398 sec...	0.0000
4,807		18/Jan/2020 00:00...	19/Jan/2020 00:00...	Original	0.000	PRPC Utilities and Faci...	816,942.1941	17.4663	21.77	86400 sec...	0.00	86399 sec...	0.0000
4,784		17/Jan/2020 00:00...	18/Jan/2020 00:00...	Original	0.000	PRPC Utilities and Faci...	816,325.1523	17.4818	15.26	86400 sec...	0.00	86397 sec...	0.0000
4,761		16/Jan/2020 00:00...	17/Jan/2020 00:00...	Original	0.000	PRPC Utilities and Faci...	816,176.3153	17.4338	14.23	86400 sec...	0.00	86398 sec...	0.0000
4,738		15/Jan/2020 00:00...	16/Jan/2020 00:00...	Original	0.000	PRPC Utilities and Faci...	815,846.6154	17.4004	17.82	86400 sec...	0.00	86398 sec...	0.0000
4,715		14/Jan/2020 00:00...	15/Jan/2020 00:00...	Original	0.000	PRPC Utilities and Faci...	815,293.9457	17.3930	46.97	86400 sec...	0.00	86399 sec...	0.0000
4,692		13/Jan/2020 00:00...	14/Jan/2020 00:00...	Original	0.000	PRPC Utilities and Faci...	814,875.5216	17.3422	56.52	86400 sec...	0.00	86398 sec...	0.0000
4,664		12/Jan/2020 00:00...	13/Jan/2020 00:00...	Original	0.000	PRPC Utilities and Faci...	813,999.0918	17.4114	27.05	86400 sec...	0.00	86397 sec...	0.0000

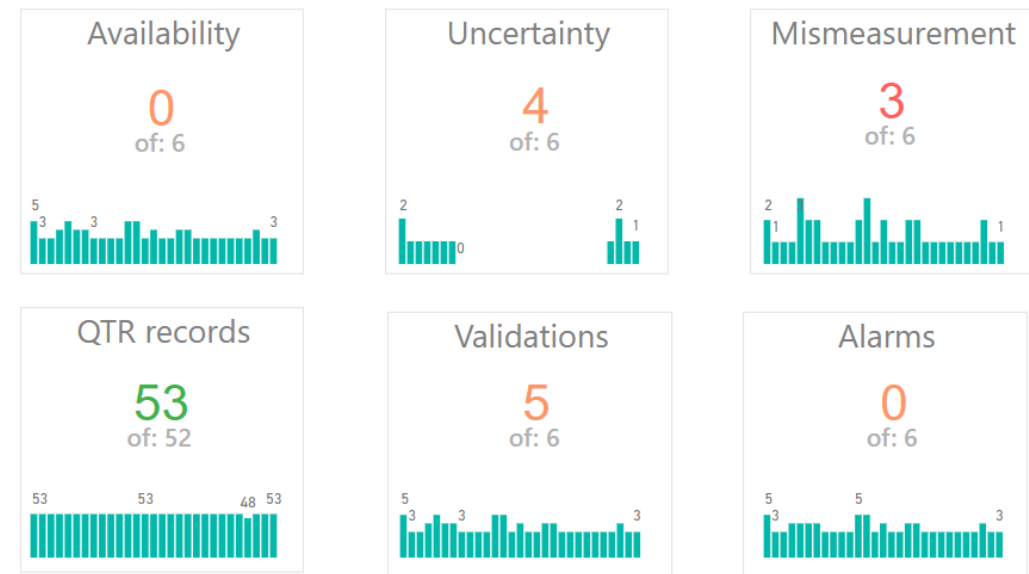
211 flow meters

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



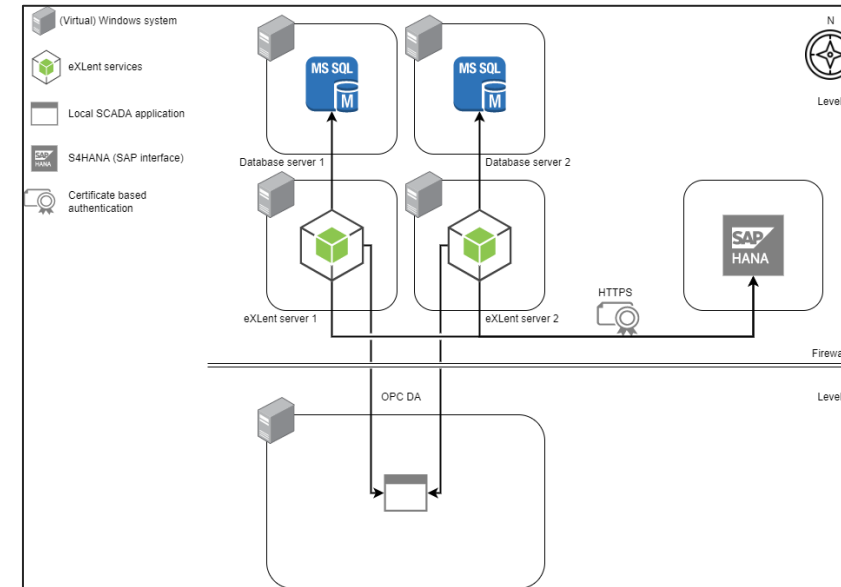
Automated reporting to Mexican Tax Authority

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mento_Transporte">
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scripcionInstalacion>
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    </Covol:GasLP>
  </Covol:PRODUCTO>
  <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

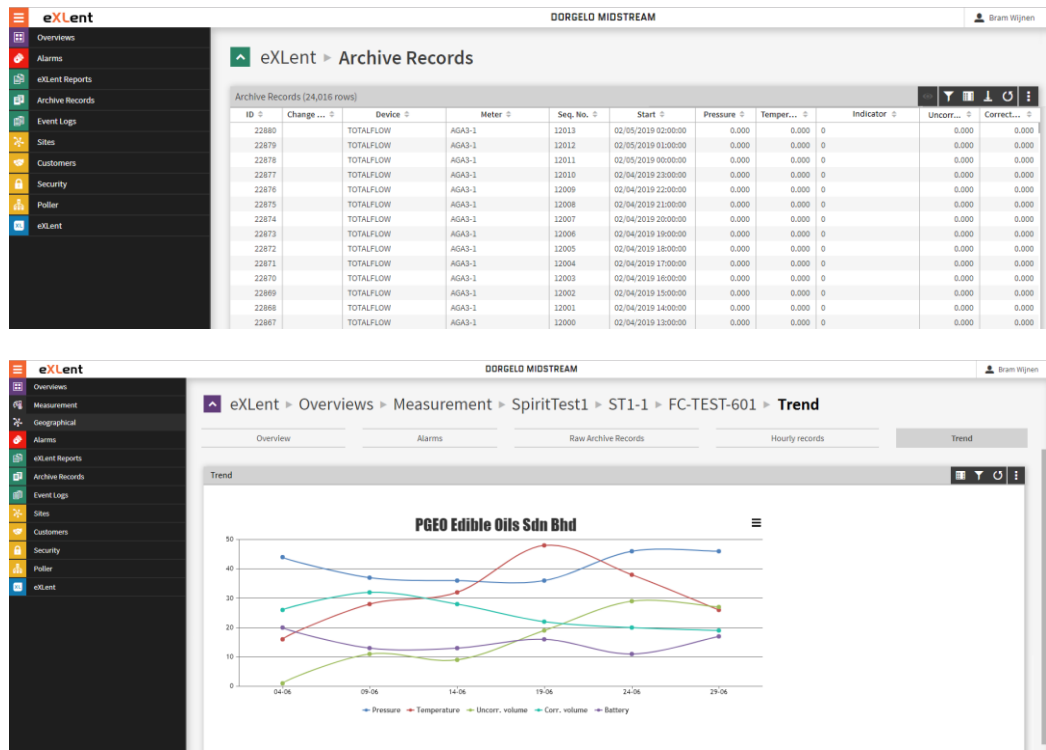
Connects to industrial control systems and SAP/HANA

eXLent reference

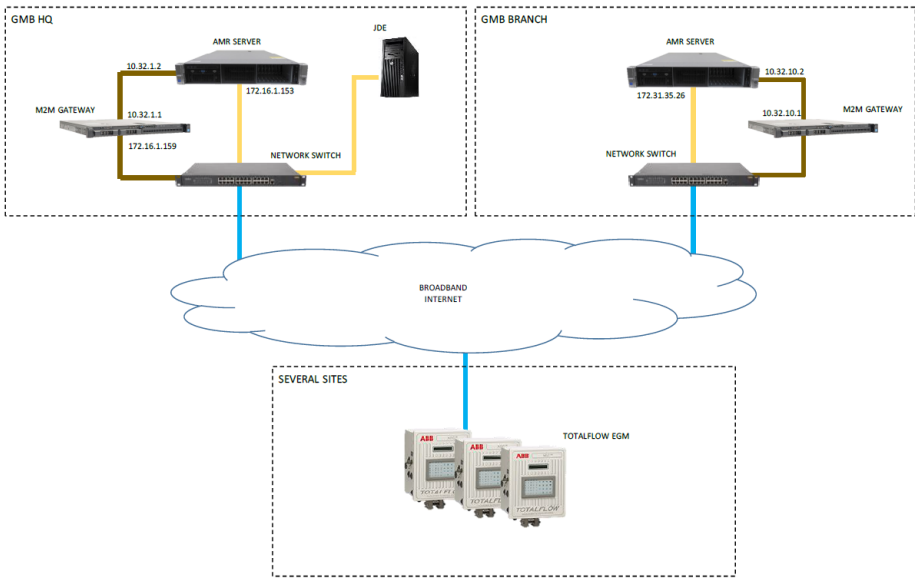
Automated Meter Reading System, Gas Malaysia



Hourly EFM data



Backfilling



Automatic acquisition of hourly data from remote devices
Web access, redundant database, alarming and trending

