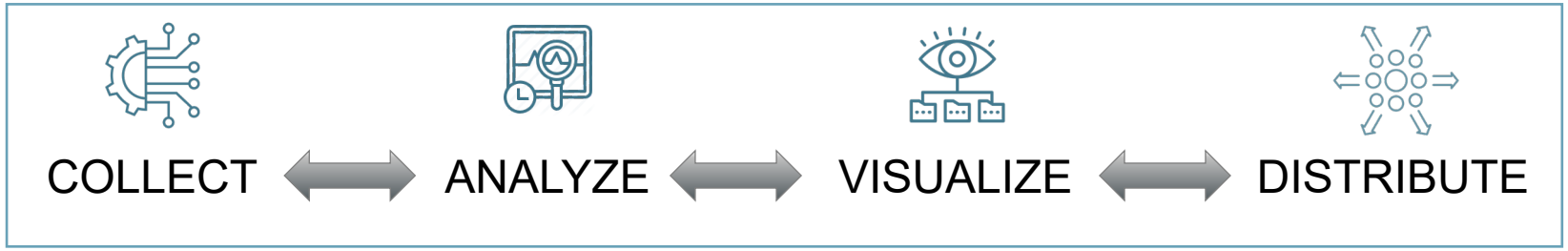
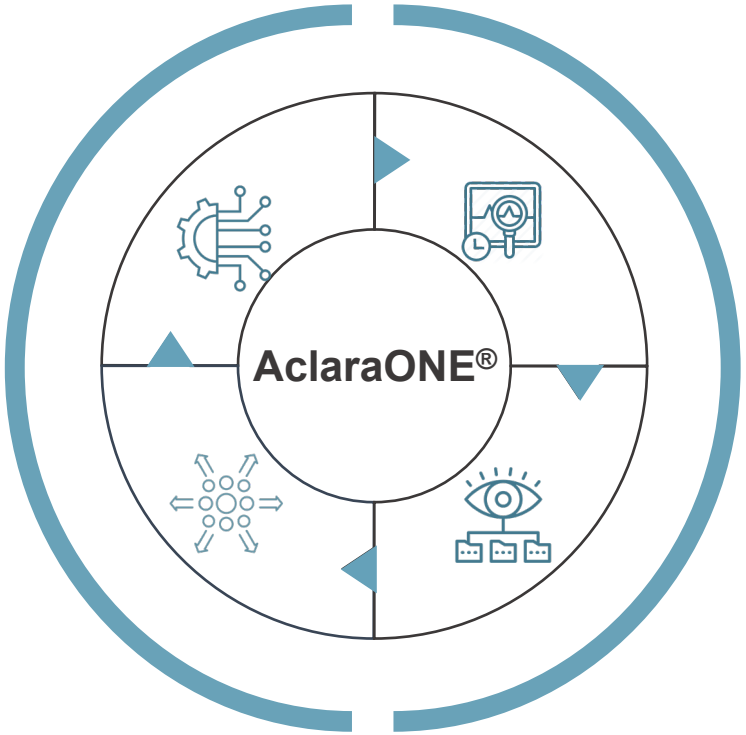
ACLARAONE SOFTWARE



Utility Applications

- Advanced Metering Infrastructure
- Distribution Automation
- Direct Controls
- Sensors

Aclara Gateway



Integration Hub

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PRODUCT DIRECTION

ALIGNMENT WITH AMI HARDWARE/SENSORS

USABILITY

ADVANCED ANALYTICS

MAPPING AND VISUALIZATION

STANDARDS EVOLUTION

CLOUD

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SOFTWARE AS A SERVICE - ADVANTAGES

1. Faster time to benefit
2. Lower costs
3. Scalability & integration
4. New releases / upgrades
5. Easy to use

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ACLARAONE VS NCC

ACLARAONE	NCC
Fully hosted (no on-site server maintenance and upkeep)	On-premise (on-site server maintenance and upkeep)
Easier navigation	Older platform, not UX designed
Access catered to utility roles with various authorization privileges	Does not exist in Star/NCC
Faster generation / manipulation of online reports	Downloaded reports
Searchable reports	Lots of data, not easily sortable / searchable
Flexible reports	Static reports
New analytics released quarterly	Very limited analytics
Event visualization / Mapping	Does not exist in Star/NCC
Polygon lasso tool	Does not exist in Star/NCC
Configurable dashboards and callout cards	Does not exist in Star/NCC
Smart Infrastructure Solutions (SIS) integrations	Limited
3rd Party AMI data ingestion into the MDM	Does not exist in Star/NCC
API-based interfaces	Custom interfaces
Data security with MS Azure	Utility based security
Proactive Notifications	Does not exist in Star/NCC

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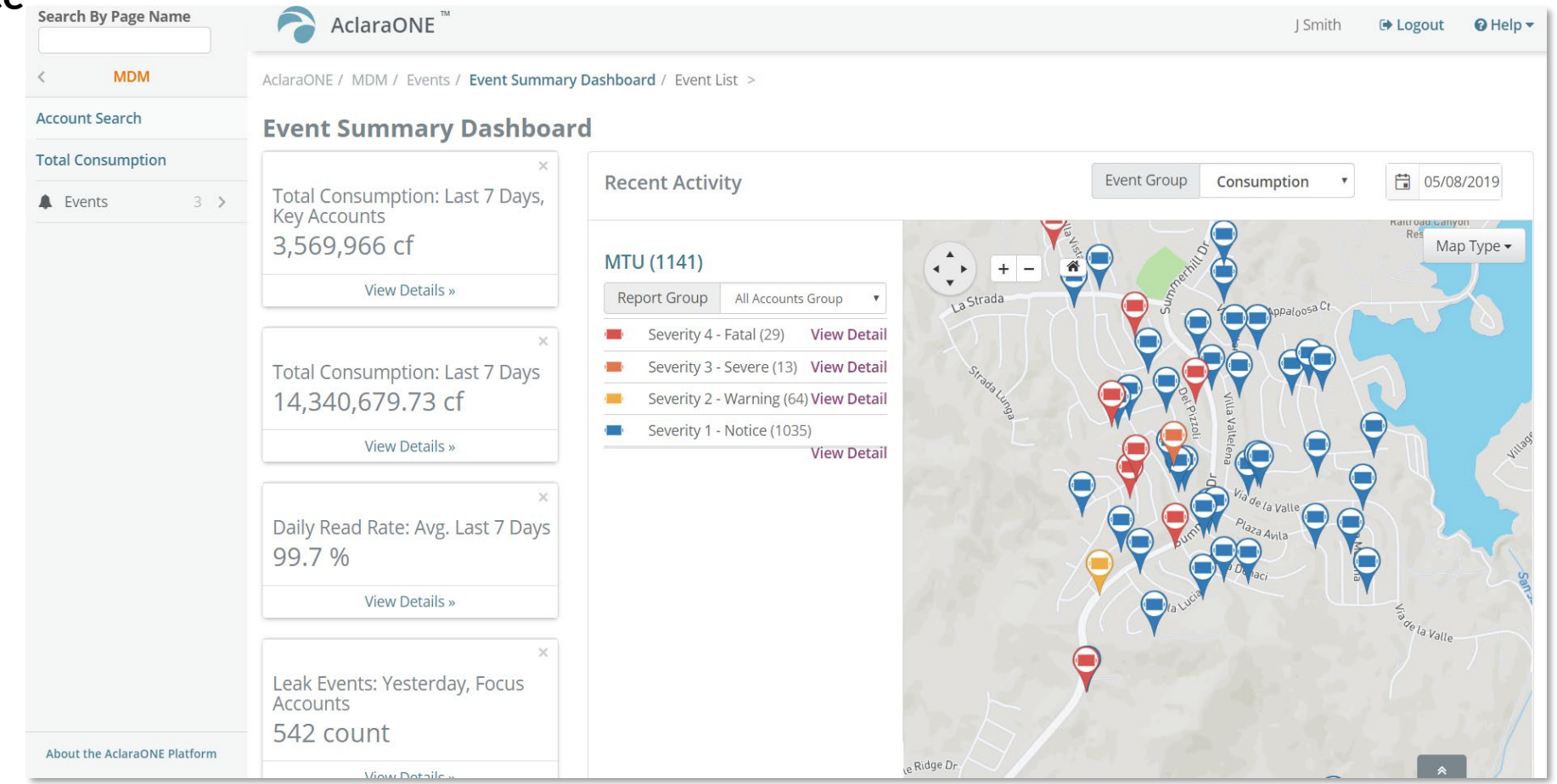
AclaraONE ®

- Enhanced User-experience
- Centralized event-based analytics
- 2-way communication
- Proactive notifications
- Enhanced encryption & security
- Data storage in the cloud
- Standard services, interoperability
- Fully supported, unified platform
- Continuous MDM improvements



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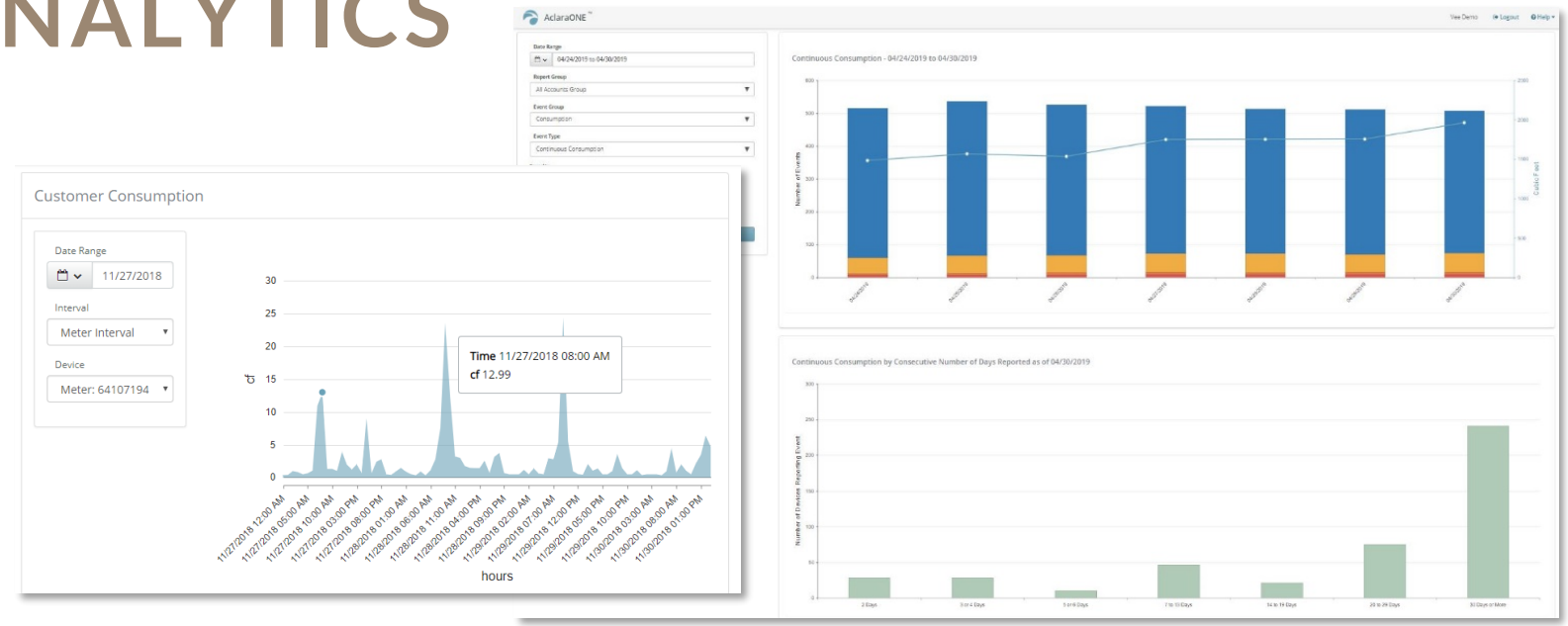
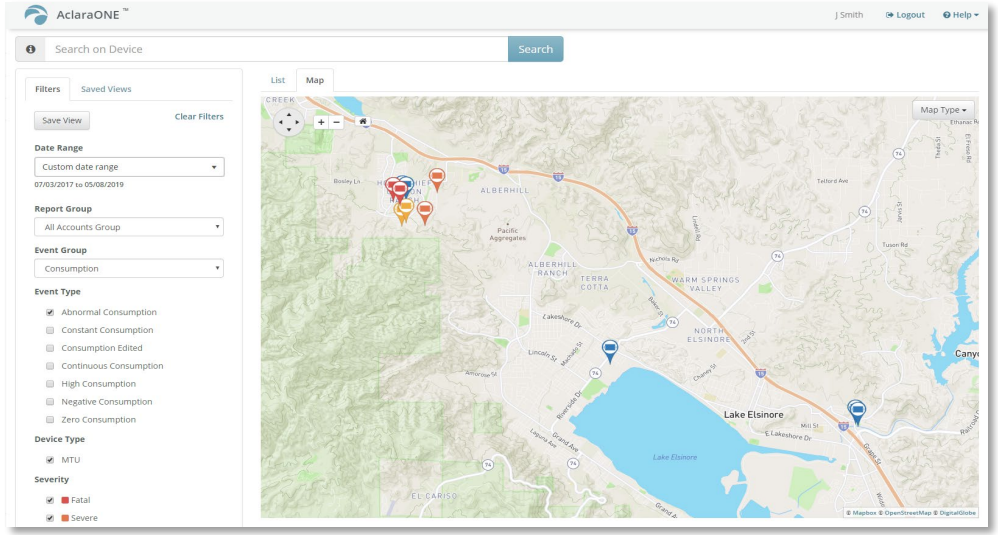
CONSUMPTION ANALYTICS

- Continuous Consumption
  - Leaks after the meter
  - Pipe-bursts
- Zero Consumption
  - Blocked meters
  - Aged meters
  - Unauthorized consumption / theft
- Negative Consumption
  - Problems with installation
  - Backwards-installed meter
  - Unauthorized consumption / theft
- Abnormal Consumption (Low/High)
  - Meter performance issues
  - Over-registering meters
  - Pipe-bursts
  - Unauthorized consumption / theft





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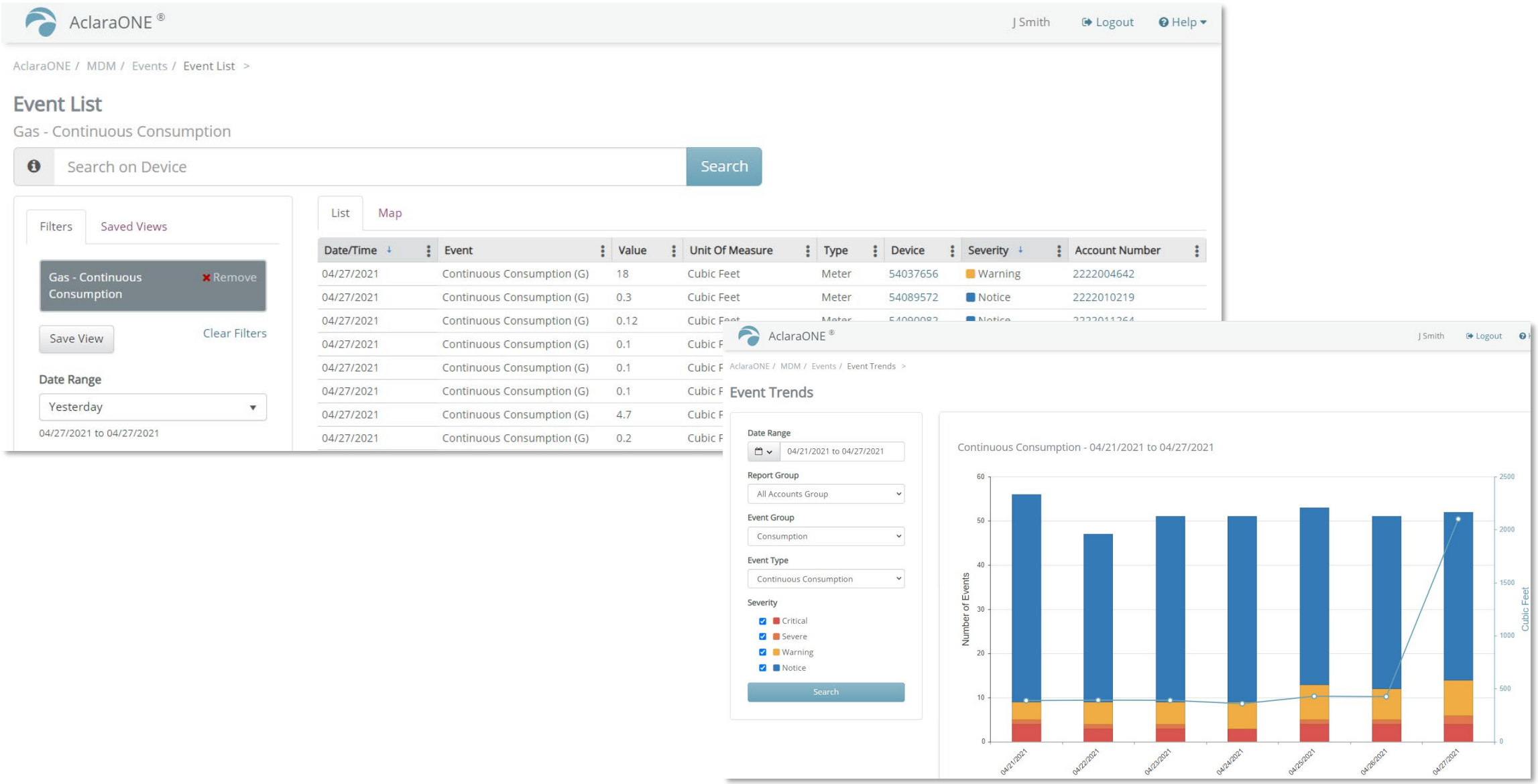
EVENT LIST & TREND ANALYTICS



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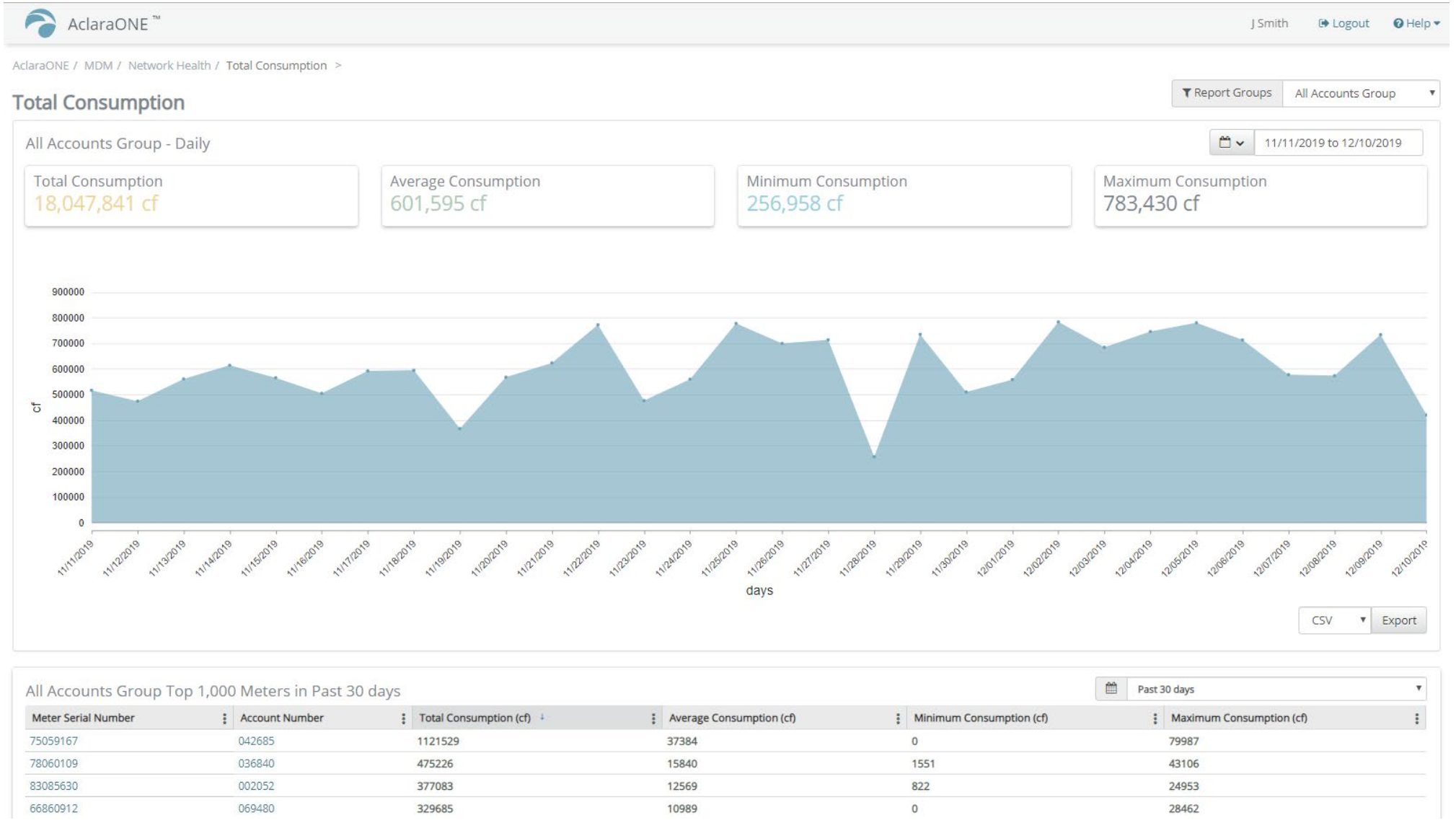
TOTAL CONSUMPTION



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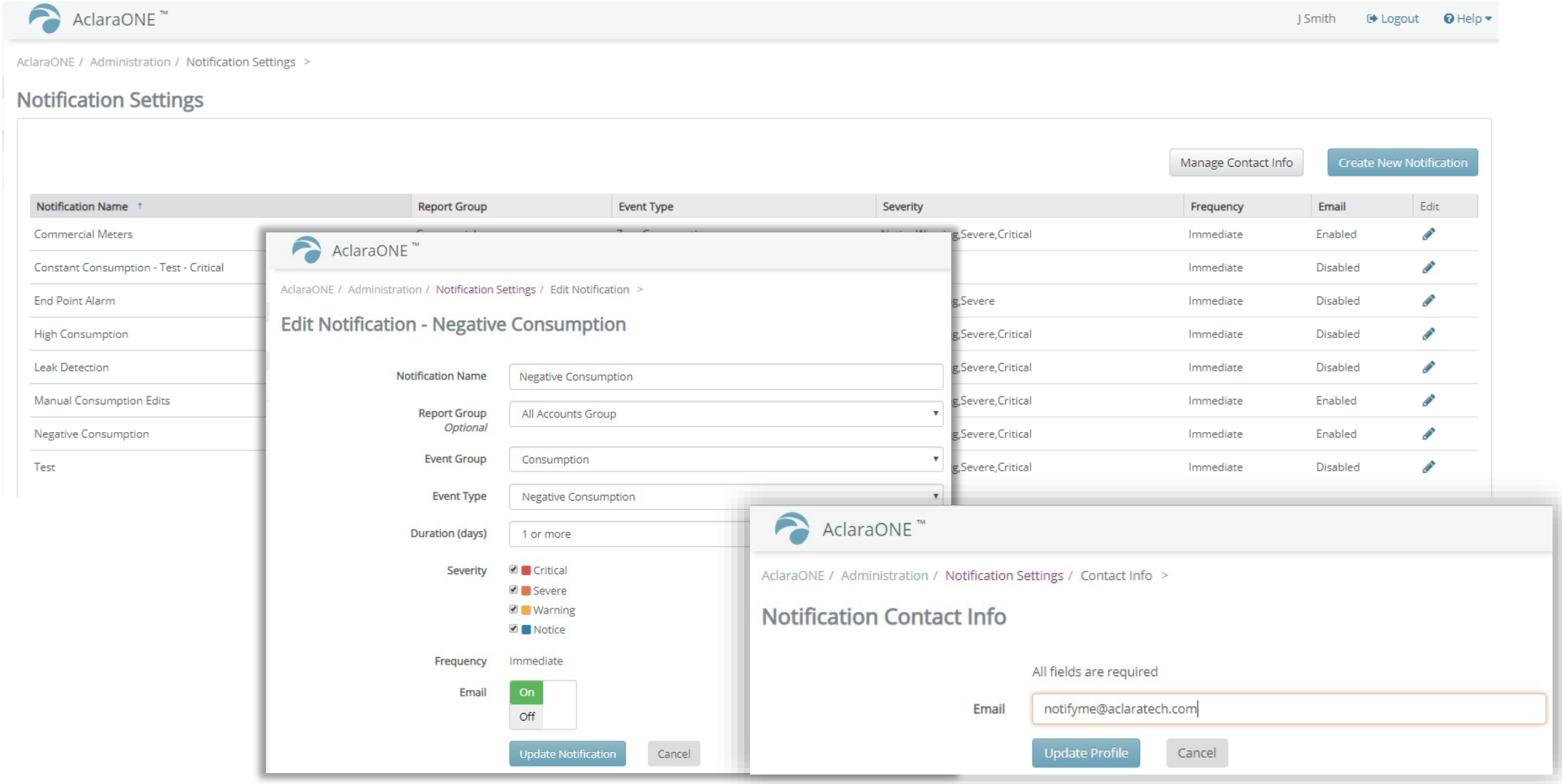
PROACTIVE NOTIFICATIONS



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VALIDATION, ESTIMATION, AND EDITING (VEE)

- Validation, Estimation & Editing (VEE) is done to resolve missing data, spikes, abnormal usage, stuck registers, etc. It is an automated process that runs daily on the previous day's readings driven by configurable VEE profiles.
- Our approach to ensure the accuracy of your interval data is done through 3 choices:
  - *Leave it alone.*
  - *Fill in with estimates automatically.*
  - *Or manually fill in the data.*
- There are 2 ways to estimate:
  - *linear interpolation, which is just normal averaging*
  - *Rolling average*
  - *Or none*
- It determines whether it is linear or time period by setting rules. For example, if there is 1 gap = use linear, if more = use rolling average.
- There are rules that can be setup if you want data to be automatically estimated or not. If not, you can edit invalid meters manually.
- You can set up groups as well. For example, exclude the C&I accounts.

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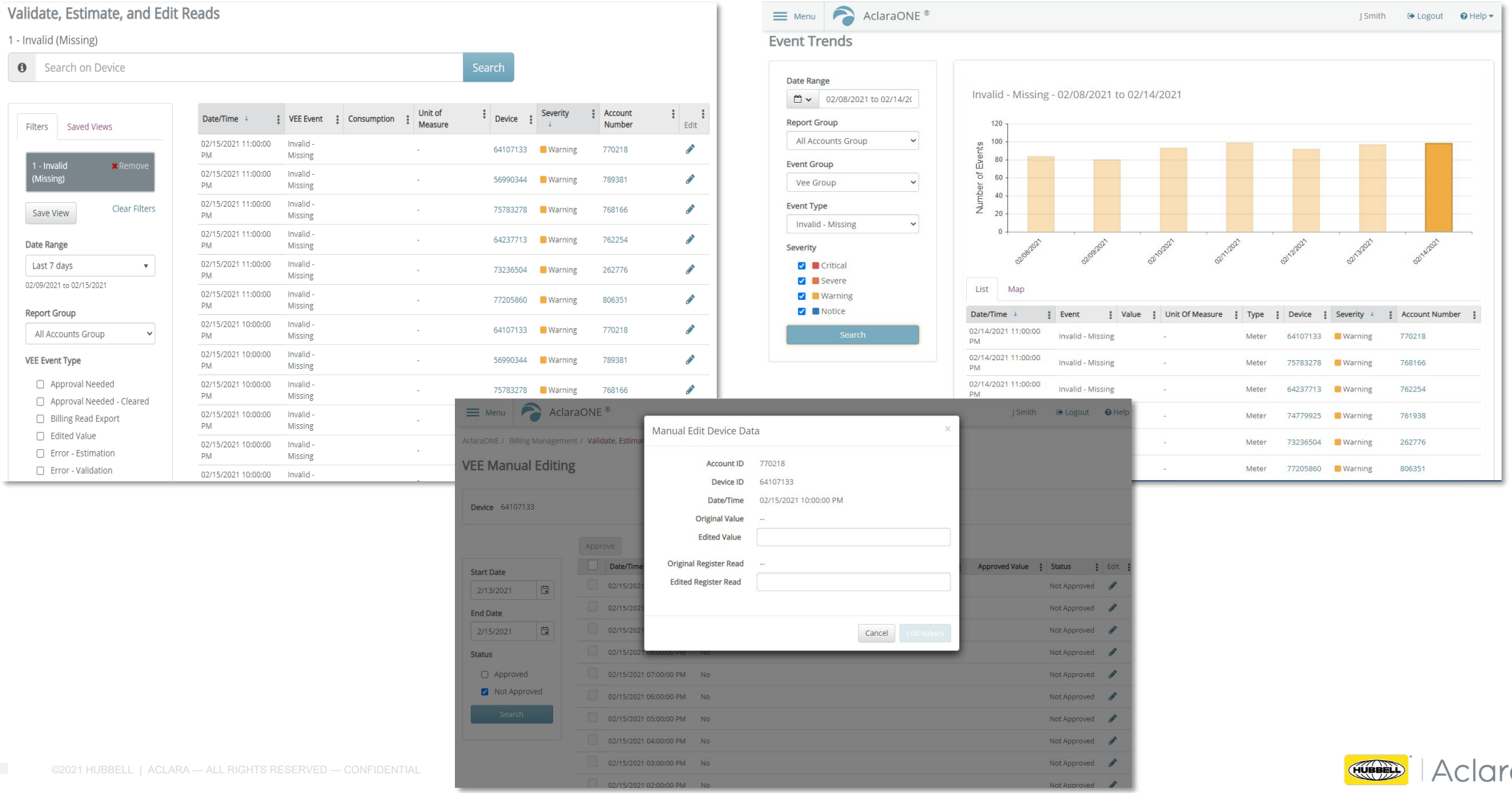
VALIDATION, ESTIMATION, AND EDITING (VEE)



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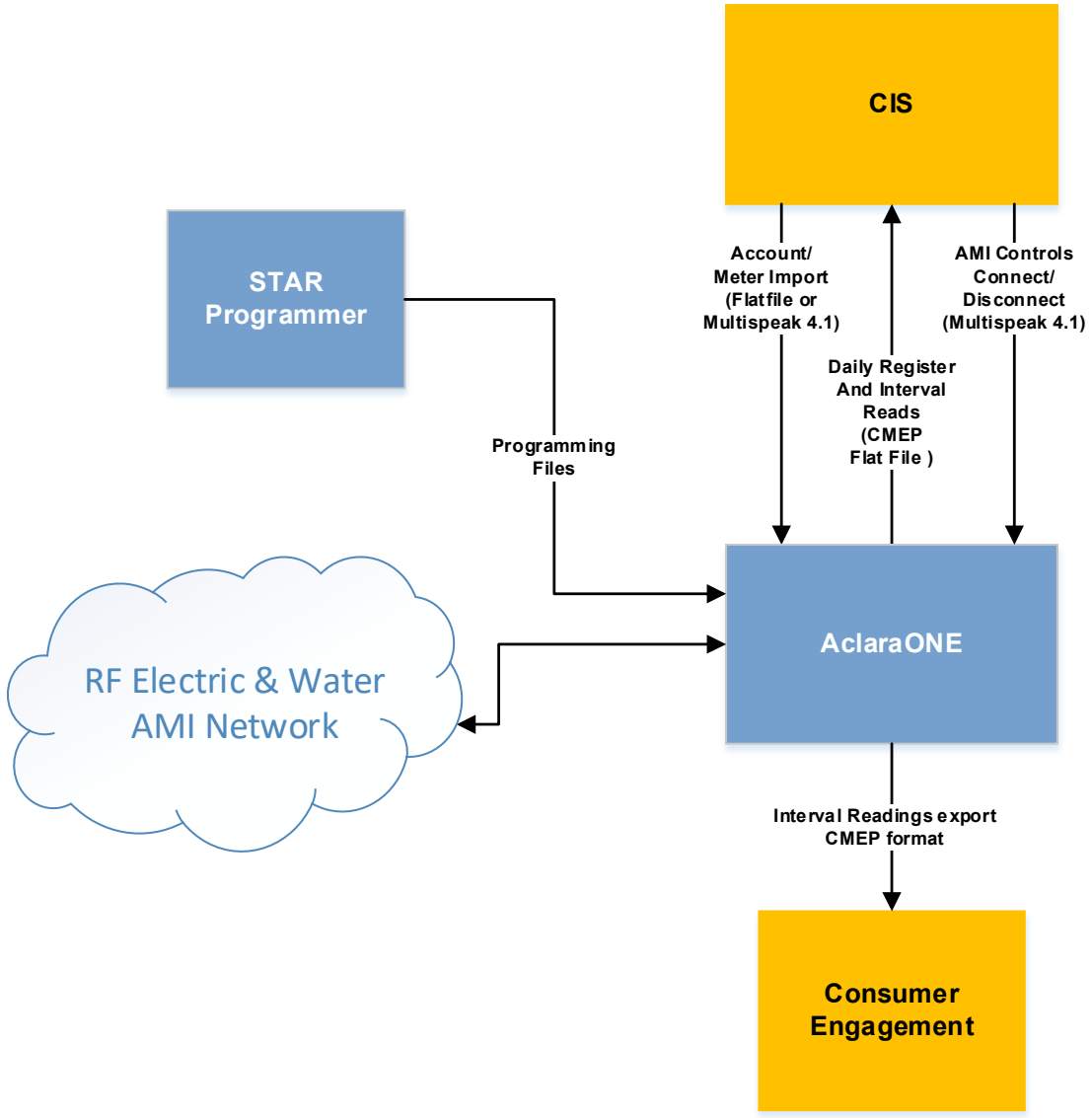
ACLARAONE INTEGRATION

- Standards Based
  - CMEP
  - MultiSpeak
- Web Services
- Flat File Exchange



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thank you.