



a Constellation Software Company

# LTC User Group 2019

The Power of Connection

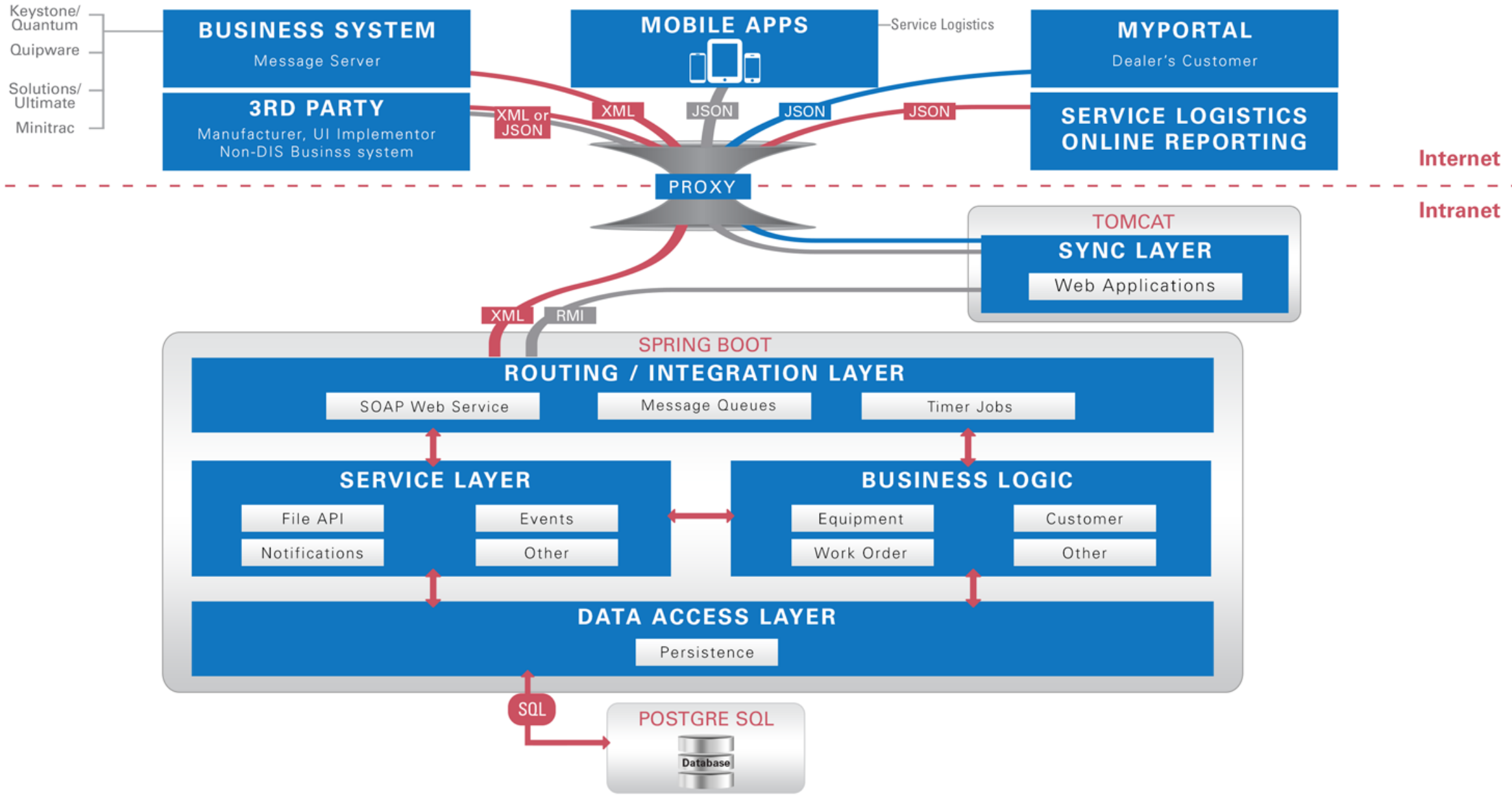
## API

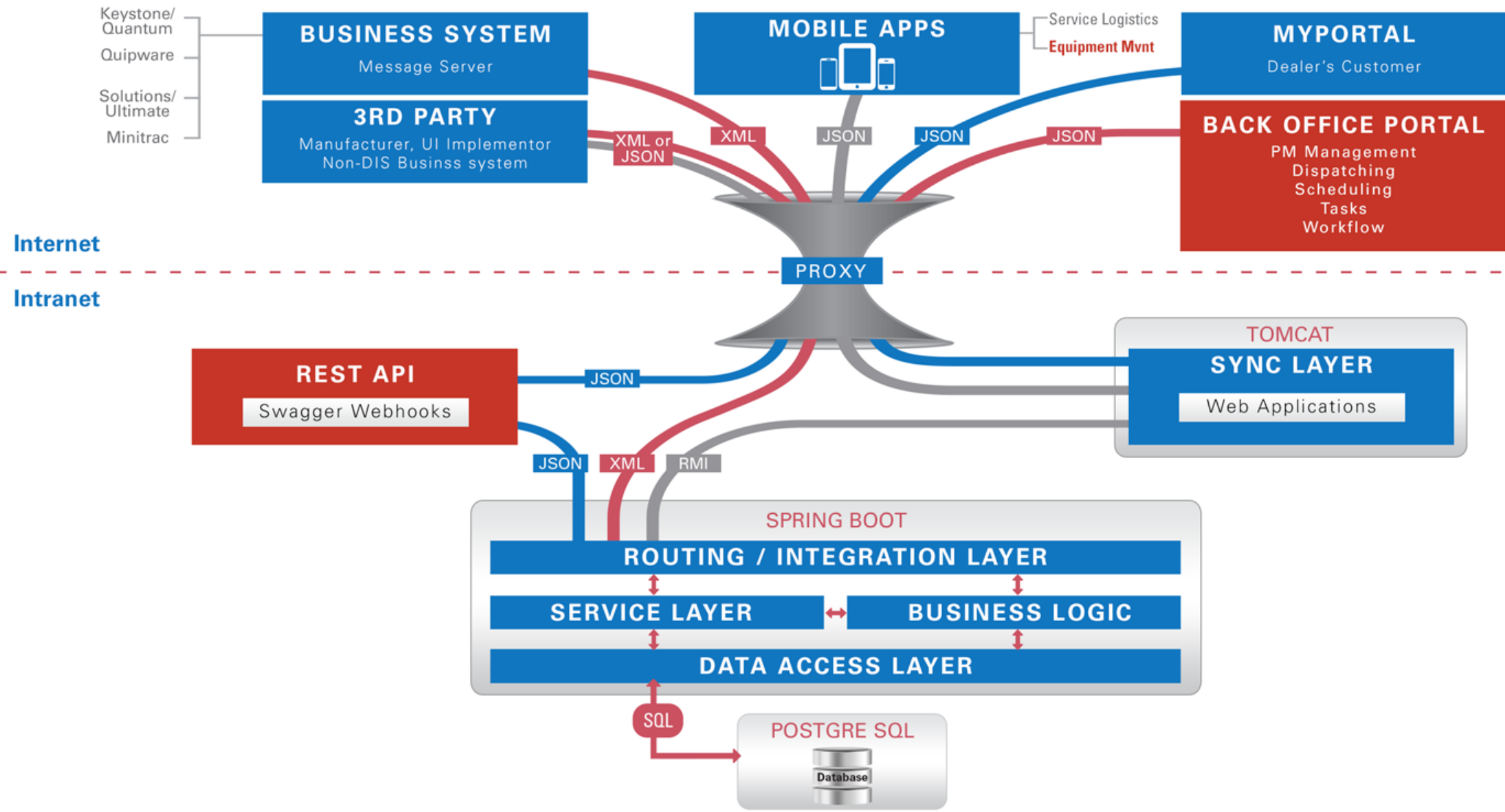
Major Mally



# BUILT ON LATEST TECHNOLOGIES







# Market Trends

- Mobility
  - Progressive Web Apps
  - Responsive Design
- Access
  - APIs
  - Low-code Development
  - Integrations
- Automation
  - Workforce reduction / repurpose
- Security
  - Protecting against data lose
  - Data Security
- Identity

# API – Why?

- Dealers
  - Want access to their data
  - Are creative
  - Want to control their identity in the marketplace with Solutions
- DIS cannot do everything

# API – Our Goals

- API First w/ new product development
  - 3 full time developers are working on the API
- Making it easier where we can:
  - 3<sup>rd</sup> Party Integrations
    - Tracking Solutions
    - Modern
    - Sandhills
    - etc.
  - Zapier Integration
- Rest based API w/ documentation

# API – 1.0.0

- System Reads (user accounts, labor codes, and other configurations)
- Customer Read
- Equipment Read
- Equipment Hour Meter Write
- Product Read
- Inventory Read
- Work Order Read / Write
- Time Read / Write
- File Read / Write
- Web hooks for:
  - Work Order status changes
  - Work Order confirmations (tech, customer, back office)
  - Customer / Equipment / Inventory Update



# API

- API

- /equipment

- /equipment/{wedId}

- /equipment/query

- /equipment/query?query=dateUpdated>2017-07-19

- /equipment/query?query=hourMeter<1234,%7CdealerEquipmentId:\*9931,address.city!Burlington

- hourmeter less than 1234 or dealerEquipmentId ends with 9931 and the equipment's address is not Burlington

- Zapier Integration

- Can allow for easier integration (low-code development)

- Swagger for Documentation

# API - Overview

- A user friendly method for exposing
- Provide cleaner descriptions of data items
- Read and write capability from API user
- Single API key to use to connect
- Swagger used for documentation.

# API - Uses

- Third Party application providers can more easily access data
  - CRM
  - Sales Force
- Dealer can use third party applications with your data
  - Zappier

# API – Data Available

- Data that API consumer currently has available
  - Customer
  - Equipment
  - Product
  - Inventory
  - Work Orders
  - Manufacturer
  - Time Cards
  - TechnicianClock
  - Time Cards

# API – Zapier integration

- Send communication to your customers based around data changing in MT
  - Emails
  - SMS Texts
- Send surveys to customers at customer completion

# API – 1.1.0

- Customer Write
- Equipment Write
- Inventory Write
- Invoice Summary Read
- Consolidated Invoice Read
- Task Read/Write
- Web hooks for:
  - Inventory Update
  - File Update
  - Task Update



**Thank you!**



a Constellation Software Company



# API

