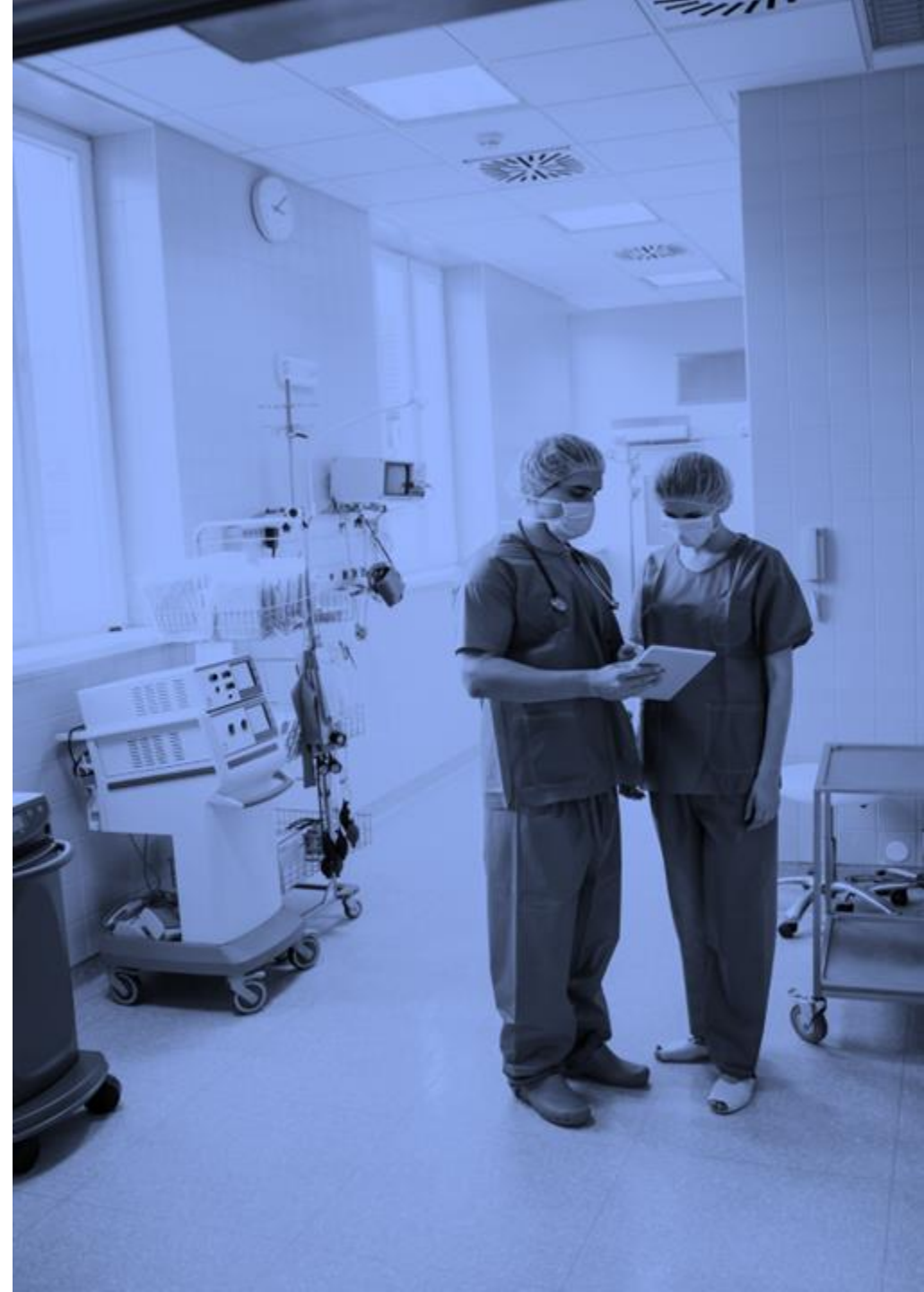


# Maximo Multi-Campus (16.5M sq ft) Medical Facility Implementation - 800 Users



Ray Miciek – Aquitas Solutions

October 17, 2024



# AGENDA

Introductions

Client Challenges

How Did it Go?

Integrations


Mobility

Q&A



# Client Challenges and Solution

Client needed to consolidate the 3+ software solutions/methods employed into one system for their over eight hundred users. The solution also needed to have the capabilities to integrate to PeopleSoft ERP, Archibus for GIS data and other key business systems, as well as, provide a disconnected mobile solution.



They chose Maximo for both its work and inventory management best practices and ease of integration capabilities and InterPro Solutions EZMax to meet the current and expected future needs of the organization.

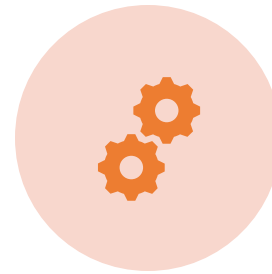
# Business Drivers



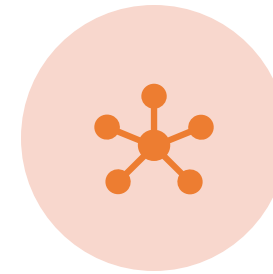
**REPLACE EXISTING  
SYSTEMS**



**FOUNDATION FOR  
THE FUTURE**



**SCALABILITY**



**INTEGRATE THE  
BUSINESS**

# Customer High Level Requirements

- ✓ Single EAM solution providing visibility across facilities
- ✓ Eliminate Silos
- ✓ Normalized data
- ✓ Standardize business processes
- ✓ Mobile disconnected solution
- ✓ Better reporting capabilities / options
- ✓ Integrate with PeopleSoft (Procurement/Inventory) and Archibus (Locations) and potentially other business systems



# Guiding Principles

## ✓ **Project Foundational Elements**

- Organizational Change Management targeted Change Champions who were instrumental in sharing the Maximo project status over the project lifecycle while also supporting training in their work areas and mitigating concerns over potential job roles (Added Task)
- Single system for managing work requests across the enterprise
- Strong Client Steering Committee oversight and collaboration with Project Management team members from Aquitas
- Define Data Standards to ensure consistency in master data

# How Did It Go?

## ✓ Change Control

- **Integrations:** The complexity of the IT landscape required an assessment of the viability of integrating Maximo to over 20 business systems. Only two (PeopleSoft ERP & Archibus) of the 20+ systems were determined to be necessary to achieve the overall project goals.
- Integration planning sessions included in the original project scope were held for each business system to determine what transactions were required to maximize the productivity gains. Aquitas worked with the client's IT departments for each business system to determine the overall implementation costs which were subsequently fully funded during the implementation.
- **Mobile Solution:** The implementation included a vendor selection process for a mobile solution. InterPro Solutions EZMax mobile solution was selected.
- The COVID pandemic resulted in a 1 year delay of the project mid-implementation. This required reassessing the implementation to determine how scope would be impacted from loss of project continuity, changes to overall client strategies and changes in leadership and team staffing. The client ended up approving additional funding.

# Integrations – Maximo/PeopleSoft ERP

- ✓ **Maximo to PeopleSoft Transaction**
  - Purchase Requisitions for
    - ❖ Work Management from Planned Materials
    - ❖ Inventory Replenishment



# Integrations – Maximo/PeopleSoft ERP

## ✓ Peoplesoft to Maximo Transactions

- Vendors (Create and Status)
- Manufacturers (Create)
- Items (Inventory managed in Maximo) (Create and Status)
- GL Components (Create)
- Chart of Accounts (Create and Status)
- Purchase Requisitions (Status)
- Purchase Order (Create and Change Orders)
- Receipts and Receipt Reversal
- Return to Vendor

# Integrations – Archibus (Locations)

- ✓ **Archibus (GIS Locations System of Record Application) to Maximo Transactions**
  - Locations (Create, Change and Status)
    - ❖ Locations fed to all 6 sites
    - ❖ 60,000+ Locations per site (down to room level)

# Interprosoft EZMax Mobile

- ✓ **Work Management primary user interface**
  - Ease of use with a highly user friendly GUI
  - Follows Maximo business rules eliminating the need to configure two systems
  - Off-line mode allows usage in areas that are out of Wi-Fi range
  
- ✓ **Inventory Management primary user interface for**
  - Inventory Control (New Items to Inventory and Replenishment)
  - Materials Issuance (Inventory Usage)
    - ❖ Staging Materials
    - ❖ Delivery of Materials
  - Cycle Counting and annual inventory physical counting (all items in all storerooms)

## How Did It Go (Data Migration & Usage)?

- ✓ Scope of Data Migration (4 different CMMS systems)
  - 33,000 Job Plans
  - 54,000 PMs
  - 65,000 Locations (x 5 sites)
  - 157,000 Assets
  - 4,000 inventory items spanning 13 storerooms
  
- ✓ Current System Usage Stats
  - Averaging 24,000 work orders and 15,000 Service Requests per month since go-live (20 months ago)
  - Over 30,000 potential service requester users
  - Over 500 active Technicians/Housekeeping users
  - 250 Purchase Requisitions/month to PeopleSoft

# How Did It Go (High Points)?

## ✓ High Points

- ✓ Collaboration and communications between all teams was outstanding throughout a prolonged project impacted by several > 6-month work stoppages
- ✓ World Class integration to PeopleSoft for MRO purchasing requirements eliminating manual duplicate data entry purchasing processes.
- ✓ Groups across all business systems/units completed and signed off on functional testing greatly improving acceptance of the system while minimizing "surprises"
- ✓ Change Management was key to ensuring the 1000's of impacted employees were part of the project lifecycle and kept abreast of all the key timelines and impacts as a result of the change to their business systems.

# How Did It Go (High Points)?

## ✓ High Points (Continued)

- The system worked as designed (per the requirements) at go-live. There have been several enhancements based on usage to improve the business process but the effort spent upfront in business process re-engineering paid off with no significant functional gaps.
- Four (4) maintenance management systems were able to be decommissioned from the complex IT landscape – One system for all maintenance activities!

## How Did It Go (Areas for Thought)?

- ✓ **Needs improvement**

- Ensure adequate system support after go-live
- Confirmed data migration testing cannot be overstated. Due to the complexity of 4 different systems to map data from to Maximo and insufficient successful 100% mock test data loads, challenges did occur.

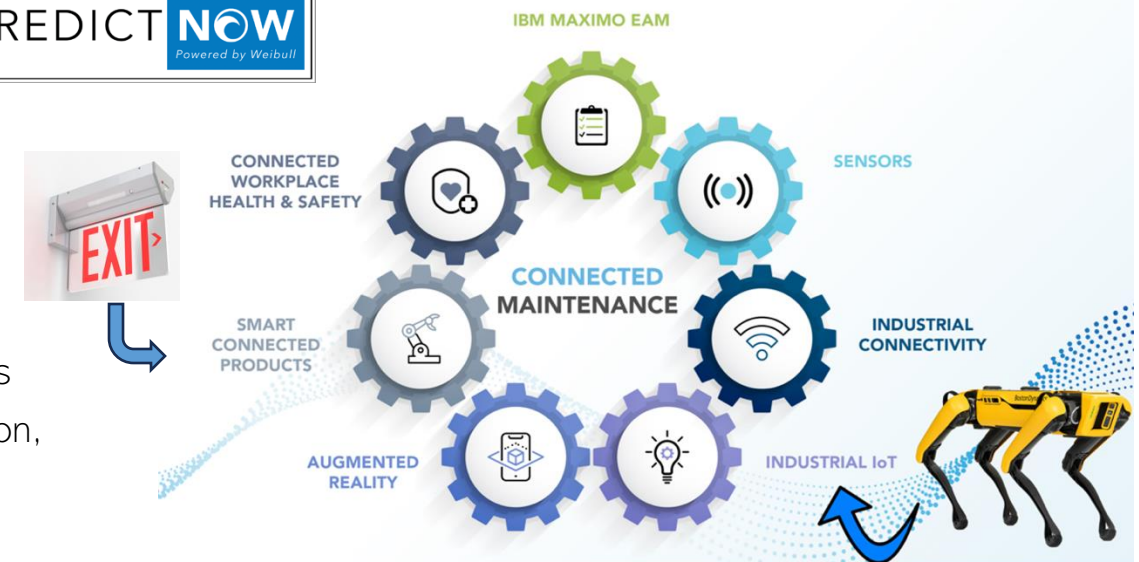
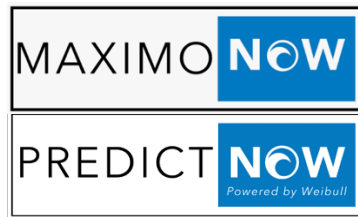
- ✓ **Bottomline:** A 100% successful full test data migration must be completed as a decision gate for go-live.

# Q&A





**Connected Assets**  
Smarter Maintenance



- Founded 2006, with Over 300 Customers
- 250+ Transactions per Year
- Consultants Average 14+ Years EAM/CMMS Experience
- 10+ MAS Implementations
- Team of 45+ Individuals Dedicated to Asset Management
- Focused on EAM and IoT Software, Services & Strategy
- Top 25 Global Watson IoT Business Partner 2017-2020
- IBM Business Partner Advisory Council – 2021-2024
- Experience and SME's Across All Industries – All Sizes of Companies
- Specific Facility, Oil and Gas, Utility, Transportation, Spatial, Integration, Mobile, and Scheduler Expertise
- MVI and Envizi (ESG Reporting) Part of our Portfolio –
- We Know IoT
- Rockwell, RealWear, Boston Dynamics and Arrow Partner
- Award Winning Implementations
- *We Do More Than Screw In Maximo* – “Practical Accelerators” “TRIRIGA”
- Partner/SI Friendly

