#### EHS (Environmental Health and Safety) in Maximo at ENMAX









Maximo Anywhere for Health and Safety

#### EHS in Maximo at ENMAX

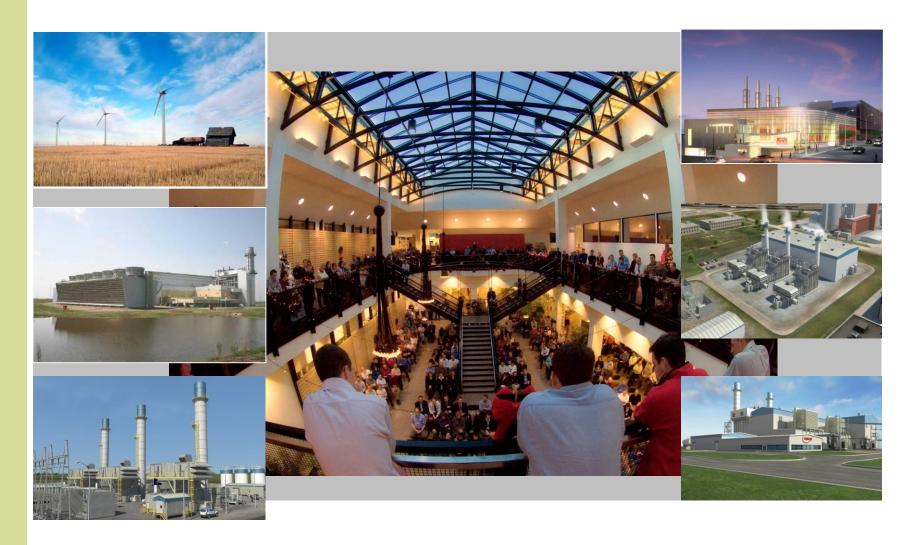
- Overview of ENMAX
- EHS Project
- Incident Management
- TRM Anywhere Builder
   Builder



- Offline Demo of Mobile Incident Reporter
- Future of Mobile Incident Application



#### **ENMAX Corporation**



Municipally owned, vertically integrated utility

## ENMAX Corporation

Safety is Critical

#### **Quick Facts**

Vertically integrated utility: Electricity, Natural Gas, Renewable Energy

Providing Albertans with electricity for over 100 years

More than 835,000 customers throughout Alberta

Wholly owned by the City of Calgary

Generation, Transmission and Distribution, Sale of Electricity, Natural Gas and Renewable Energy products, Utility Billing

Generation Assets: Wind, Natural Gas, District Energy



Peaking



Combined Heat & Power



Base Load



Wind Farms



**District Heating** 





#### EHS Project History

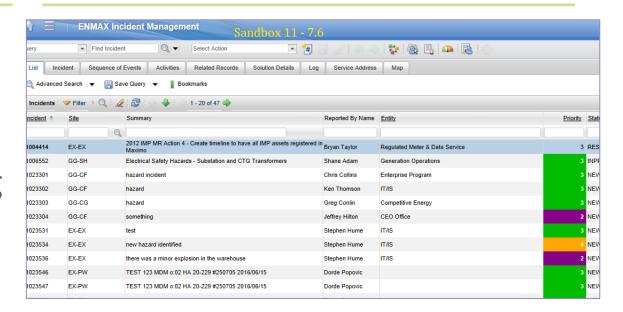
ENMAX has been using another system for Safety and Incident Management for several years

- For specific business reasons the decision has been made to switch to Maximo HSE
- ENMAX has in house Maximo expertise to configure and implement enterprise EHS solution.
- ENMAX has been running the HSE applications (called PI&R) in Generation for five years

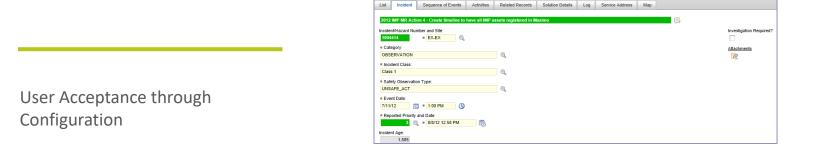
Maximo HSE offers more support for corporate EHS processes and reporting requirements.



# EHS Desktop Application for Incident and Hazard Reporting



#### Combined Incident and Hazard Reporting into a single application





#### EHS Project History

 Creation of Mobile Application for all ENMAX personnel for reporting Incidents and Hazards



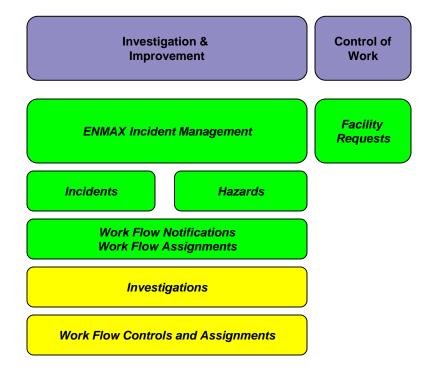
 Integration with Meter Readers Hand Held Devices (ITRON) to capture hazards in the field

User Acceptance through Innovation





#### Matrix of Applications for ENMAX EHS









#### **EHS Incident** Management





Services provided by TRM
Installed and configured our
Maximo Anywhere Environment

Installed and configured Anywhere Builder

Provided Anywhere Builder documentation training and support

Having the right tools to quickly develop and configure the Maximo Incident Reporter Mobile Application is critical.

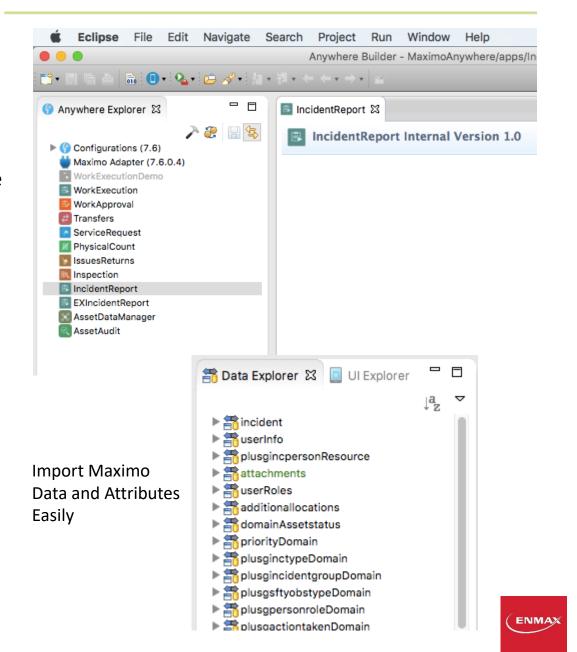




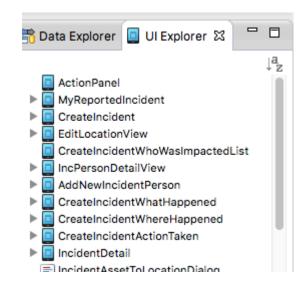


Anywhere Builder runs in Eclipse - user friendly method of configuring and testing Maximo Anywhere applications.

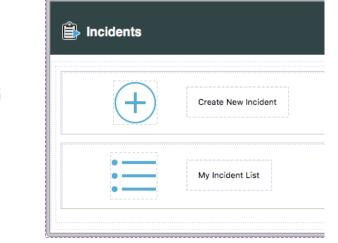
Easy menu driven functions



Add new screens easily using UI Explorer



WYSIWYG Editing

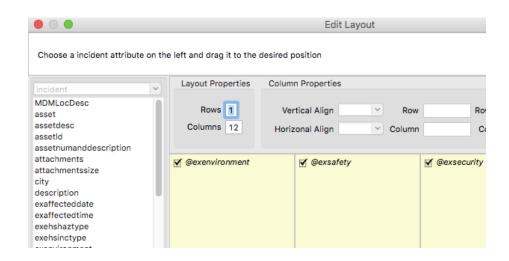


Quick turnaround for configuration

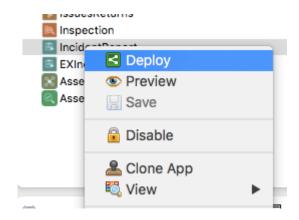


Use the layout editor to position fields exactly where you want them to appear.

Time to configure the Incident Reporting Application – 2 weeks.

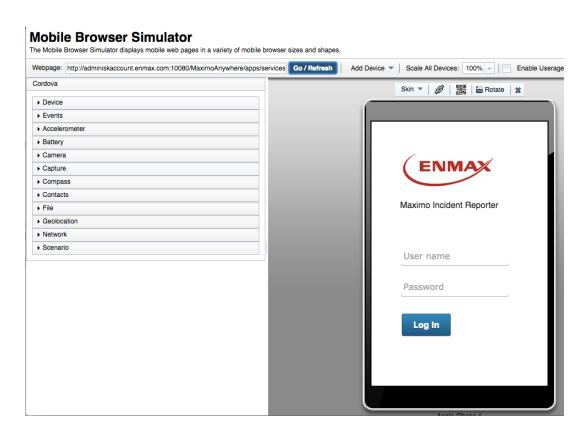


One Click, Preview, Deploy, Clone





Launch the application directly into the simulator from the builder.



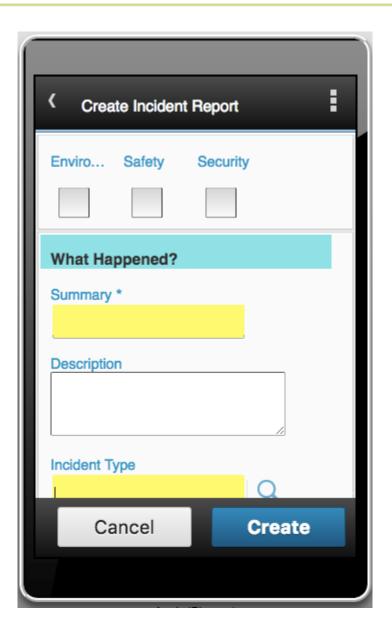
Unit testing is a breeze



Fully test the look and functionality of your changes to the application.

Learning curve is not steep, if familiar with Eclipse and Maximo data.

TRM providing excellent support.







Demonstration of Maximo Mobile Incident Reporting Application



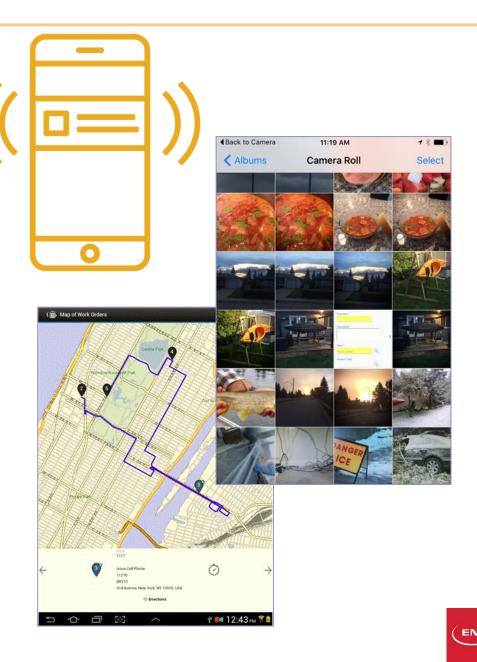






## Future Enhancements to the Mobile Incident Reporter

- Push Notifications
- Select photo from gallery
- View photo attachments on device
- Edit records once they have been sent to Maximo
- ESRI map integration



#### **Questions?**

