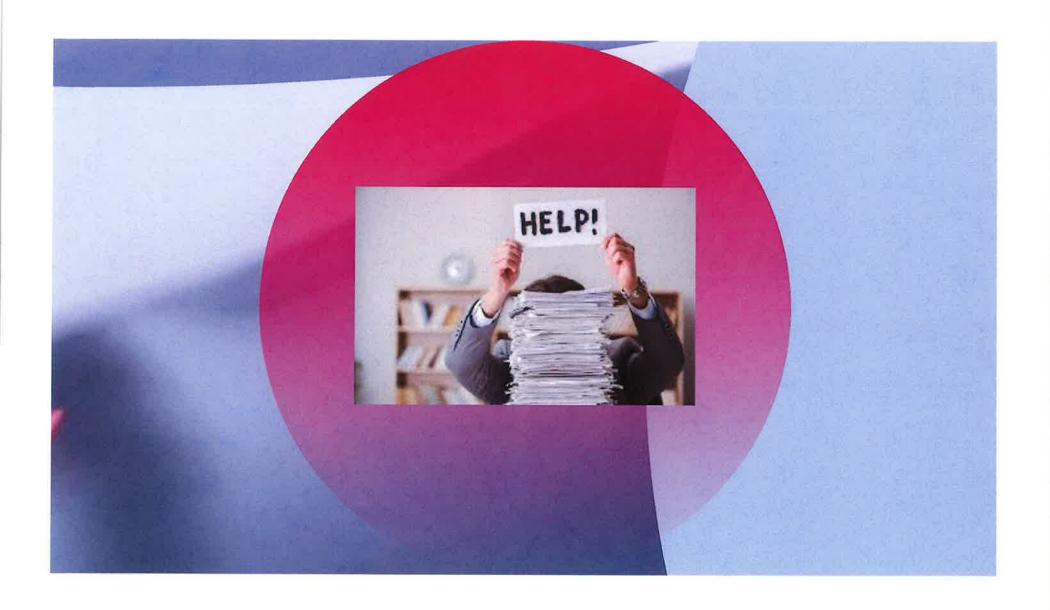
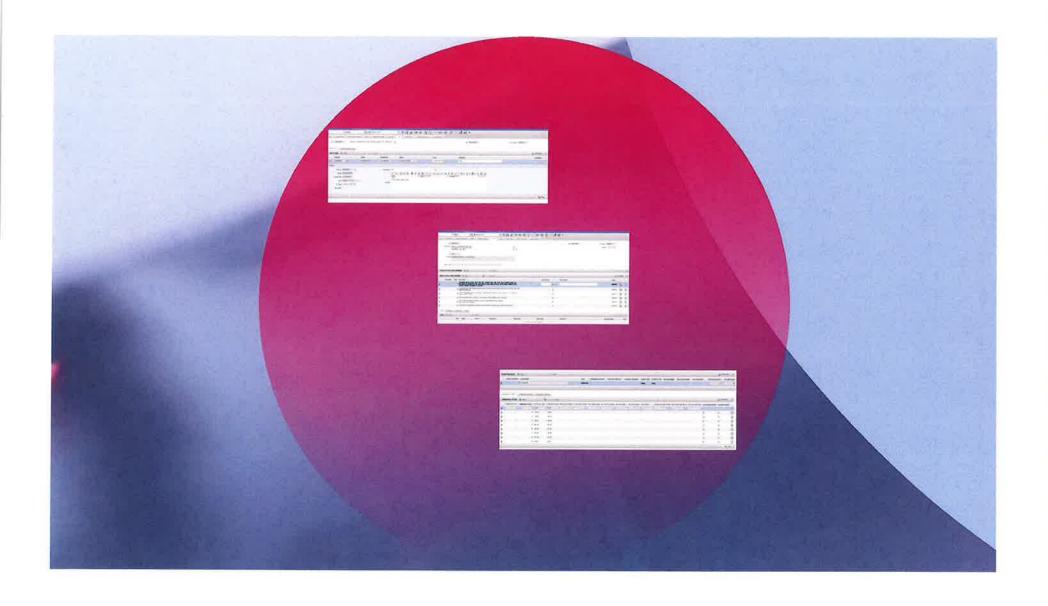




Going Paperless paper • Previous process was the paper/file system and using Excel for system Work Orders. • Maximo provides the means to easily search information by different fields. · Reduces man made errors. • Review process is easier and faster. paperless system

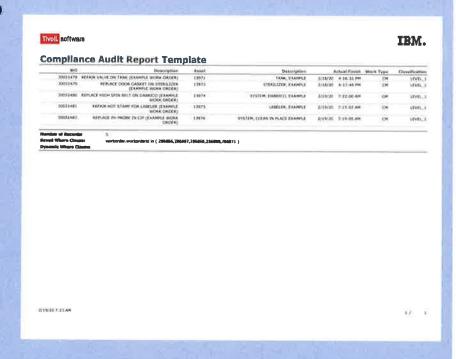


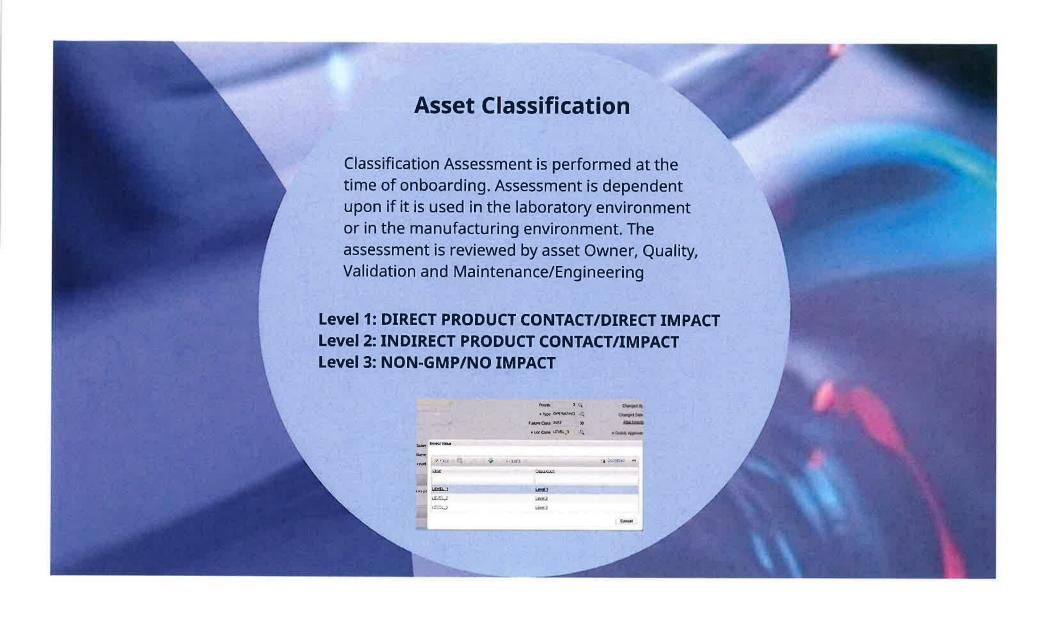


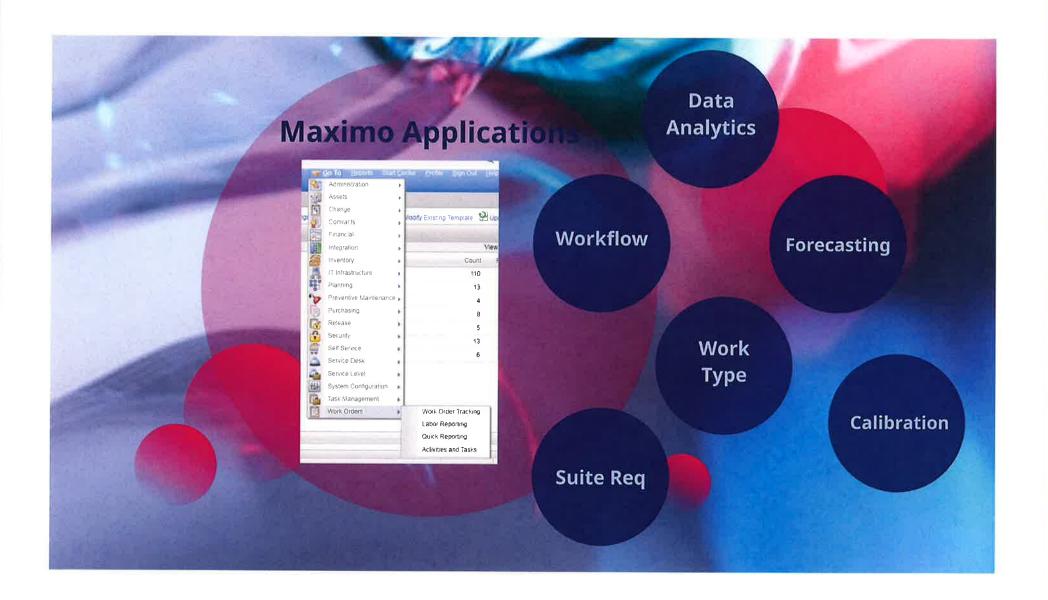
Audits

- Regulatory Agencies comparable to FCC or FAA
- Contract Customers
- Internal/Corporate

Saved query template that was agreed upon with Compliance that narrows down the scope of what the auditors typically ask to see. Query is editable if more information is required at the time of an audit







EDI Suite Req Application



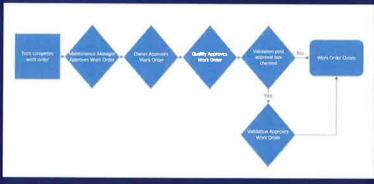
- EDI's use of Suite Req allows anyone to be able to submit a work order without having a specific license.
- Integrated with Maximo to populate information within Maximo without having to access it directly. How we use it is though a link on the company intranet page.
- Options include: OAR (Online Asset request),
 OIR (Online Item Request), OWR (Online Work
 Request) options. We currently only use the OWR
 option, however want to move toward using all
 these options in 2020.
- Application is modifiable to fit the company needs with Administrative rights

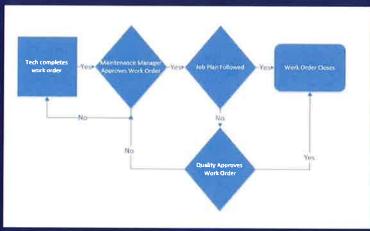
Work Type Categories



- Utilization GM (General Maintenance) work orders for non-GMP work, ie. change light bulb or fix a sink.
- Utilization of SM (Service Maintenance) work orders for work performed by vendor technicians.
- Utilization of CM (Corrective Maintenance) work type for immediate repairs needed on GMP assets.
- Different workflows exist depending on the work type chose. For example, PM Work Orders typically do not require Quality Review.
- Options exist to use a workflow or Work Type for other Quality Systems such as Change Evaluation (CE) or Change Control (CC).

Process Flow Diagram



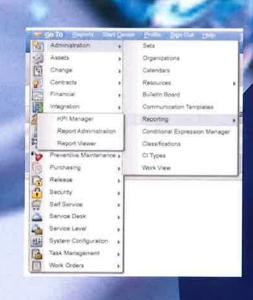


Types of Work Orders we use: CM, GM, PM, PMCAL, GMCAL, CMCAL, SM, and AAE

CM workflow and requirements: Log entry, failure codes, actual labor time from person performing the work (userid).

CM or GM Work Orders have the ability to attach a job plan or data sheet to this type of work order if one is required.

Workflow allows for the work order to travel forward or backward if additional information is required.



Tracking, Trending and Reporting

- •Dashboard is shown in all the Maintenance Managers Start Center, but is distributed weekly to the Executive Leadership Team as well as discuss monthly at the Gemba walk for transparency throughout the organization
- Dashboard shows Work Orders sorted by type, status, aging time and project code
- KPIs vs Result Sets-all built from queries we create. Result Sets are interactive
- Public and private queries exist, based on security rights
- Utilization of graphs by craft so the entire group can see the open work orders and what location they are in
- Start Center default for each user is 'My Assignments' Result Set

Reverse-Trace Calibration

Dashboard

Queries

