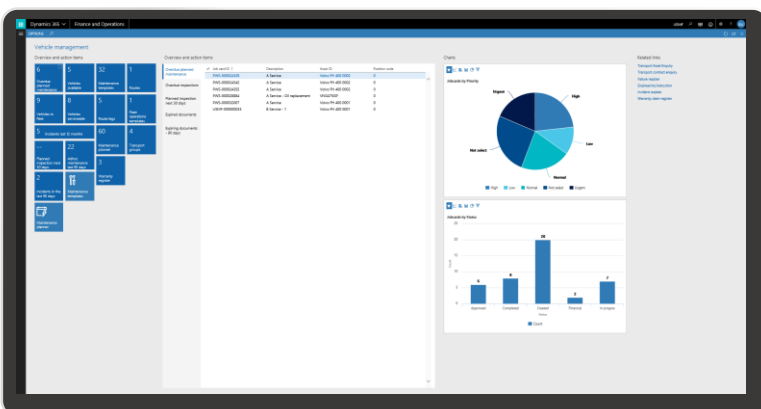


# 360° Fleet Failure Management



## Integrated failure and defect management.

Identification, validation and resolution of failures and the resultant failure analysis.



## Key features include:

- Failure definitions per asset type
- Integrated register for all failures
- Rich detail recorded per failure including reported by, date, location, position, and meter readings.
- Failure tracking and status management
- Failure criticality matrix and auto priority allocation
- Creation of maintenance or inspection work orders for failure validation and resolution
- Auto feedback via integrated maintenance work orders
- Defect definitions by failure type
- Defect definition to cause and part number level
- Defect analysis
- Notifications and scheduled reports on failures, their frequency of failures, and defects.
- Web based, mobile and cloud access
- Auto failure creation via IoT integration



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# Failure Management

## Failure & Defect capturing

Incident ID	Category	Classification	Type	Short description	Responsible org	Organization position code	Decoded by	Position code	Status
PWS-00027264	Operational	Minor	Community complaint	Toilets not clean	Property Management Co	Property Services	00007	0	Registered
PWS-00024418	Operational	Minor	Accident	Truck hit ranger stop, no damage to vehicle. Clear	Maint	Exp Maint	00003	0	Registered
PWS-00023277	Operational	Minor	Function loss	Warning light on Port Engine went on and off during flight	Maint	Aircraft Maint	00007	0	In progress
PWS-00023433	Operational	Minor	Accident	Fuel leak	Maint	Exp Maint	00007	0	In progress
PWS-00034051	Security	Minor	Function loss	Gate broken	Maint	Exp Maint	00007	0	Registered
PWS-00034401	Operational	Minor	Spill	Leaking tank	Maint	0	00007	0	Registered
PWS-00034406	Operational	Minor	Accident	Driver drove into boom at gate	Maint	Van Maint	00007	0	Registered

### Key benefits include:

- Reduced manual efforts involved in failure entry by integration with maintenance and service order systems.
- Repository of all registered failures and their outcomes.
- Database for failure and reliability analysis.
- Improved communication and coordination between customer, assembly house, part suppliers, design engineers
- Integrated database for effective correlation between utilisation, failures, defects and resolutions

### Single-point failure visibility

Improved communication and coordination between all asset and product lifecycle role players.



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