PROMETHEUS GROUP | EUROPEAN USER CONFERENCE

S/4HANA Best Practices

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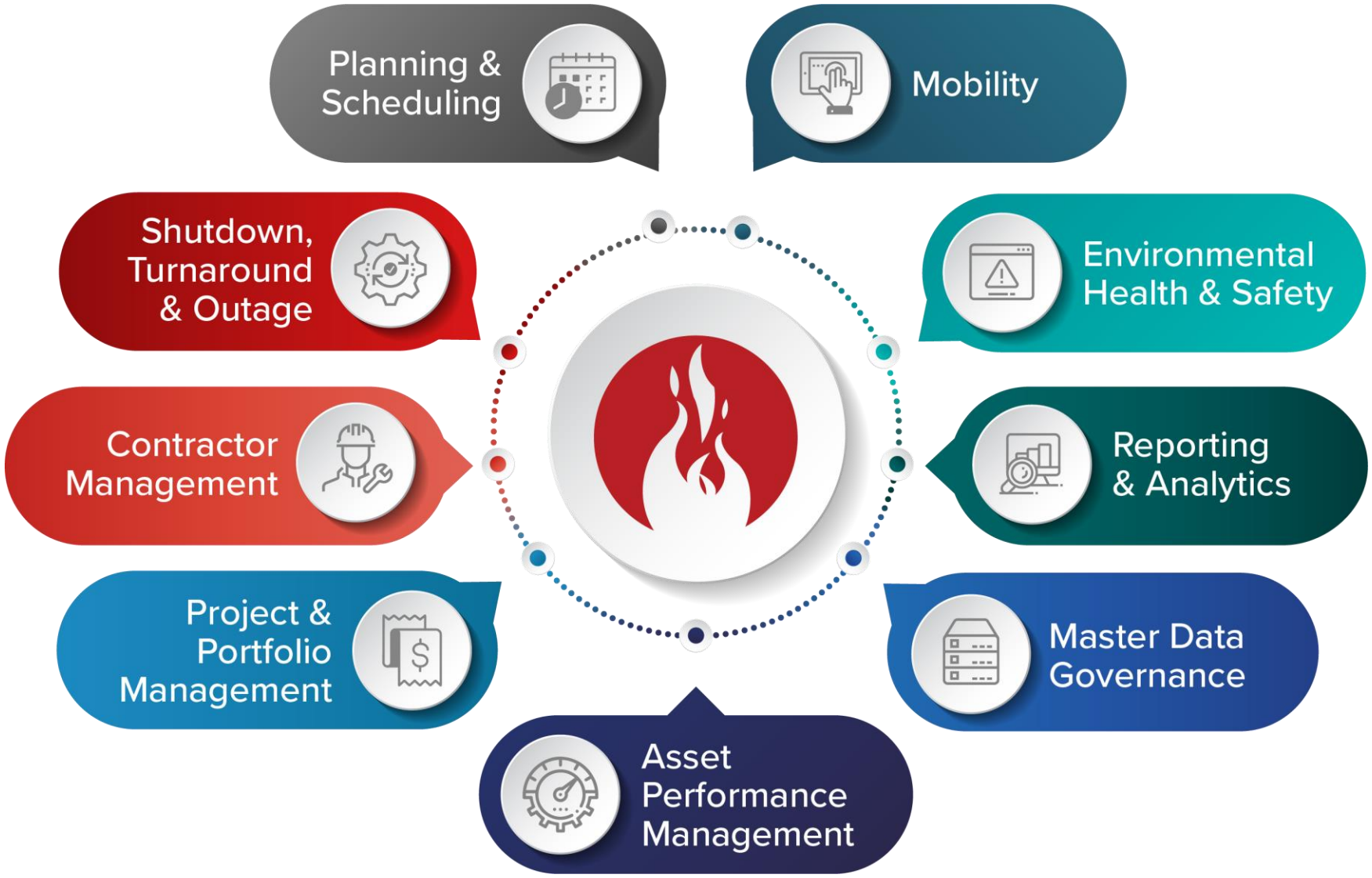
June 1, 2023

The Prometheus Platform



Lost in Transformation

- Everyone's chasing digital transformation but for many it's hard to reach or be fully realized
- To simplify, digital transformation is just process improvements with just better tools and technology.
- S/4 is a great foundation and set of tools but how do we take full advantage of our investments and ensure project success?

SAP S/4HANA, BTP, and Business Partners

- The SAP Store – Where does it fit in?
- Solex Partnerships – what are they?
- Differentiating SAP's 'Core' offering, BTP, and Business Partners

Poll

- Who is familiar with SAP BTP (Business Technology Platform)?

Agenda

- Before You Move to S/4HANA
- S4 Evaluation Best Practices for Maintenance
- The Need For and Advantages of Prometheus Solutions with S/4HANA
- The Goal of Digital Transformation Realized for Asset Management

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"Work on Master Data cleanup **in advance** as much as possible, this is definitely something that **can get in the way** of your digital transformation"

VP and CIO, Global Chemical Manufacturer

S4 Executive Roundtable, 2022

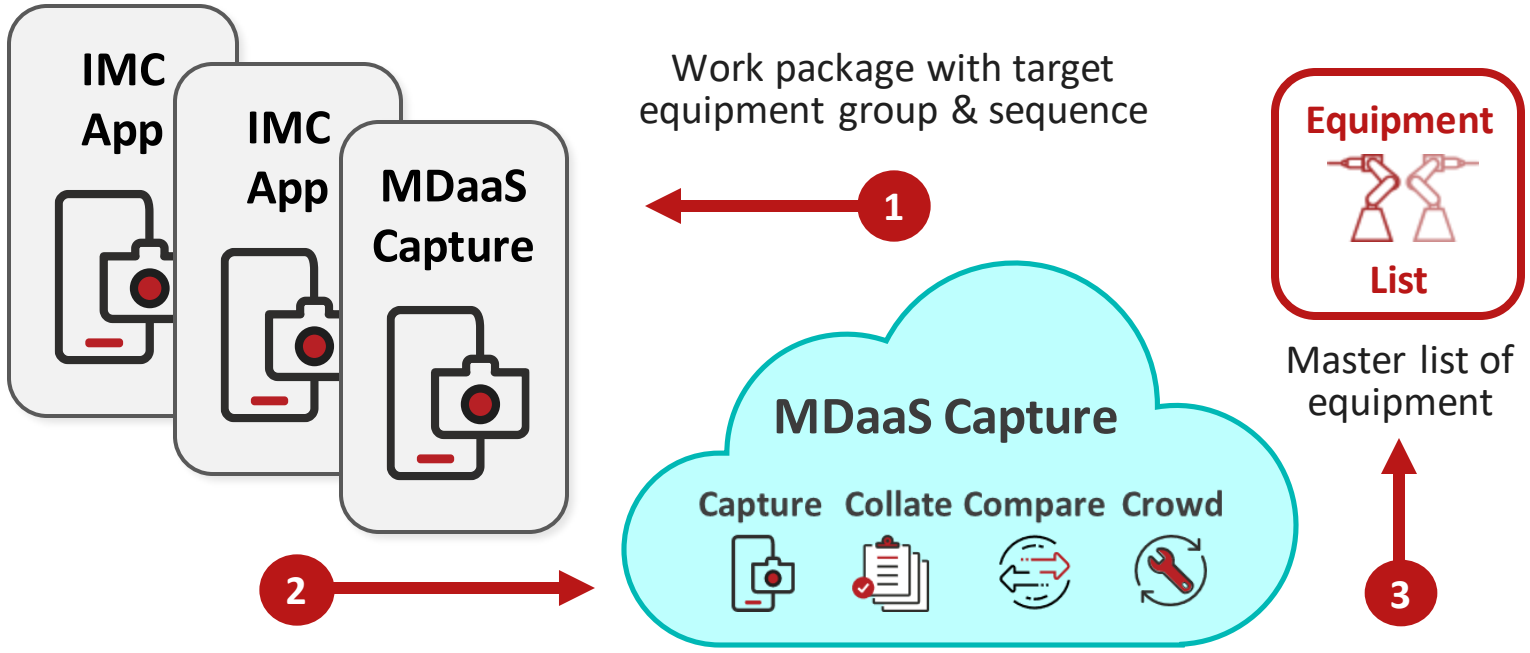
Master Data Review

- What is the confidence level in your master data?
  - Does what is in the field match what is in your system?
- What issues are poor master data having on your process?
- Do a Data Review or Data Health Assessment (DHA)
- If you determine master data is lacking, how will you address it?

Master Data Capture

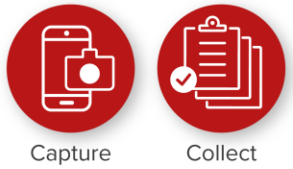
MDaaS Capture

Automated Field Data Collection: When your asset data is missing or untrustworthy



ATTRIBUTE	VALUE
Make	Baldor Reliance
Series	Super E Severe Duty 841 XL
Part Number	ECP84114T-4
Serial Number	C1505141347
Specification	12E626Y668
Power	50 HP
Speed	3,530 RPM
Frame	326TS
Voltage	460 V
Amps	55 A

Master Data as a Service (MDaaS)



MDaaS
CAPTURE

Mobile app for photo-based field data collection

Intelligent image processing and data extraction

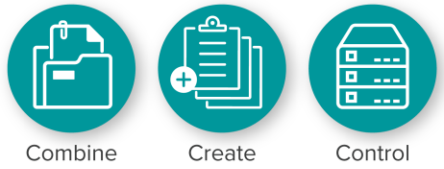
Crowd and AI-based data enrichment

MDaaS
ENRICH

Standards-centric classification

Drawing and manufacturer's website-based data mining

Machine learning-based data cleansing & enrichment

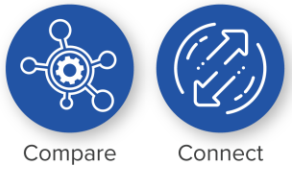


MDaaS
SUSTAIN

Master Data Management best practice templates

Workflow-driven review & approval

Automated business rules for data validation



MDaaS
MIGRATE

Auditable file comparison and tracking

Integrates with commercial ETLs

Supports all major ERPs

INPUT DATA	CLEANSED DATA	CLEANSED, STANDARDIZED AND CONSOLIDATED DATA	ENRICHED DATA
BALL BEARING 15x35x11	BALL BEARING, 15MM,35MM,11MM	BEARING,BALL, 15 MM,35 MM,11 MM	BEARING,BALL;DEEP GROOVE,15 MM ID,35 MM OD,11 MM W,6200 SERIES,1 ROW,1 SHIELD, STEEL,PRESSED CAGE,2 DEG MISALIGNMENT,8.06 KN DYNAMIC,3.75 KN STATIC
BALL BRG 15 X35 X11 MM	BALL BEARING, 15MM,35MM,11MM		
BALL BEARING Ø15X11X35 MM	BALL BEARING, 15MM,35MM,11MM		
15X11X35 BEARING BALL	15MM,35MM,11MM,BEARING BALL		
CARTRIDGE FUSE FAST ACTING 600 VAC 30 A	CARTRIDGE FUSE, FAST ACTING, 600 VAC, 30 A	FUSE,CARTRIDGE, FAST ACTING,600 VAC,30 A	FUSE,CARTRIDGE;FAST ACTING,600 VAC,30 A,200 KA,END CAP,NICKEL PLATED BRASS,MELAMINE TUBE,CSA
CARTRIDGE FUSES FAST ACTING 600 VAC 30 AMPERE	CARTRIDGE FUSE, FAST ACTING, 600 VAC, 30 A		
FAST ACTING CARTRIDGE FUSES 600 VAC 30 AMP	FAST ACTING CARTRIDGE FUSE, 600 VAC, 30 A		
CARTRIDGE FUSES 600 VAC 30 AMPERE, FAST ACTING	CARTRIDGE FUSE, 600 VAC, 30 A, FAST ACTING		
45 DEG ELBOW PIPE ADTPTR	45 DEG, ELBOW, PIPE, ADAPTER	ELBOW,PIPE,ADAPTER,45 DEG,1-1/2 IN	ELBOW,PIPE;ADAPTER,45 DEG,1-1/2 IN,SCH 40,200 PSI,CARBON STEEL,BLACK OXIDE,ASTM A106,1-1/2 IN NPS X 1-1/2 IN NPS,1.94 IN CENTER TO END DISTANCE
1-1/2 INCH X 45 DEGREE PIPE ELBOW	1-1/2 IN, 45 DEG, PIPE, ELBOW		
pipe elbow 45° 1 1/2" n° 45	PIPE, ELBOW, 45 DEG, 1-1/2 IN		
45° 1 1/2"pipe elb	45 DEG, 1-1/2 IN, PIPE, ELBOW		
BUSH TAPER 4300 LB-IN TORQUE	BUSH,TAPER, 4300 LB-IN TORQUE		
B	BUSHING	BU IF	BUSHING,TAPER LO 3/8 X 1/8 IN KEYWAY 2- 8 I CK
1			
T G LOCK	TORQUE 4		

INPUT → CLEANSE → CONSOLIDATE → ENRICH

MDaaS – Master Data as a Service

The Utopia Acquisition

Focus on data supporting Digital Transformation & the Intelligent Enterprise

- Data Strategy: Roadmap for People, Process and Technology
- Data Quality Remediation: Data Profiling, Data Cleansing, Enrichment
- Data Governance: MDG core domains and Utopia developed solutions
- Data Migration: SAP S/4HANA Migrations, Data Services

Expertise

- 18 years of innovation and expertise in end-to-end data management solutions
- Global R&D team focused on building smarter data management solutions
- Leveraging state of the art technologies like machine learning and AI

SAP's preferred Partner for MDG & End-to-End Data Management Solutions

- Best practice accelerators and templates support entire EIM portfolio from SAP
- More data migrations to SAP environments than any other partner
- Three solution extensions on SAP's pricelist – **MDG EAM , AIW and RFM**
- Certified for S/4HANA, Private (PCE) and Public Cloud (EX), Release Nov 2020

SAP Platinum Partner

SAP® Solution Extension

Gartner COOL VENDOR

Inc. 500 America's Fastest-Growing Private Companies

SAP® APJ PARTNER EXCELLENCE AWARD 2018

SAP Winner SAP Partner Award
SAP Solution Extension Partner of the Year 2020

Evaluation Best Practices

Evaluation Best Practices

- Master Data – Are you ready? Will you be?
  - It's never a bad time to evaluate your Master data
- Considering your current state alongside your future plan
  - What are the primary goals of your maintenance department?
    - Automation?
    - Improved Metrics and Reporting?
    - High User Adoption?
- **Make sure you have references!** Don't settle for 1 – Look for companies in and outside of your industry
- Importance of SMEs in Asset Management and digital transformation projects

Evaluation Best Practices

- Does your solution suite meet you where you are?
  - Offline connections for working anywhere
  - SSO and integrations with the systems you actually use
  - Roadblocks such as forced syncs
- Consider Total Cost of Ownership – it's not just in the software!
  - Services
  - Updates
  - Devices (SSO)

Maintenace – A seat at the table

- Is Maintenance and the PM Module in consideration for the same evaluation process as:
  - Supply Chain
  - HR
  - Finance
  - Operations
- Use this as an opportunity to perform a regional or global process evaluation and ensure standardization of existing practices can take place, data cleansing can occur, new systems can be introduced

Digital and Mobile Go Hand in Hand

- If Mobile doesn't work where you work or how you work, then your digital goals are likely to be challenged... and revert back to the 'old' way

- Look for solutions that are:
  - Purpose Built for the end user
  - Configurable
  - Tout a strong integration with SAP

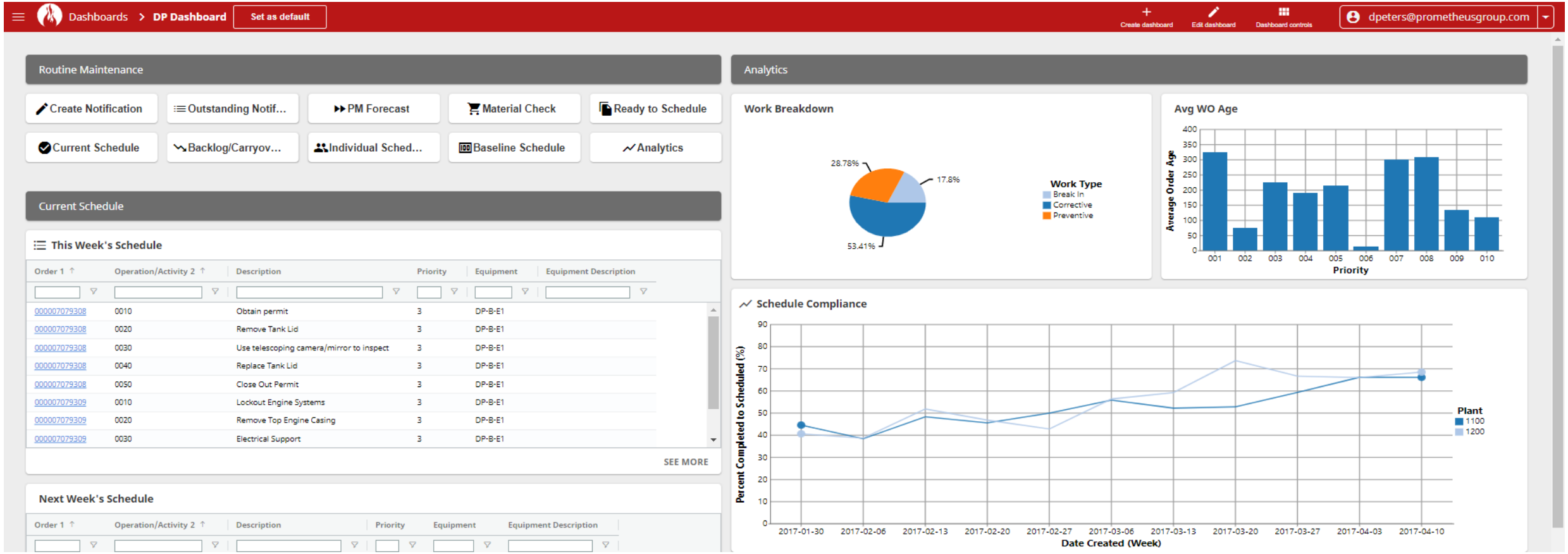
User Adoption

- Easy to use, intuitive software throughout the platform

- **Flexibility = Configurability –** making changes, updates, making it work for *your* process

User Adoption

- Simple changes realize significant gains
  - Dashboard and tile links



Advantages of PG Solutions

Dedicated Maintenance Professionals

- Prometheus Group is a world class maintenance and asset management software solution company
- Over 25 years of SAP and Maintenance expertise
- Often the recommended solution directly from the SAP store

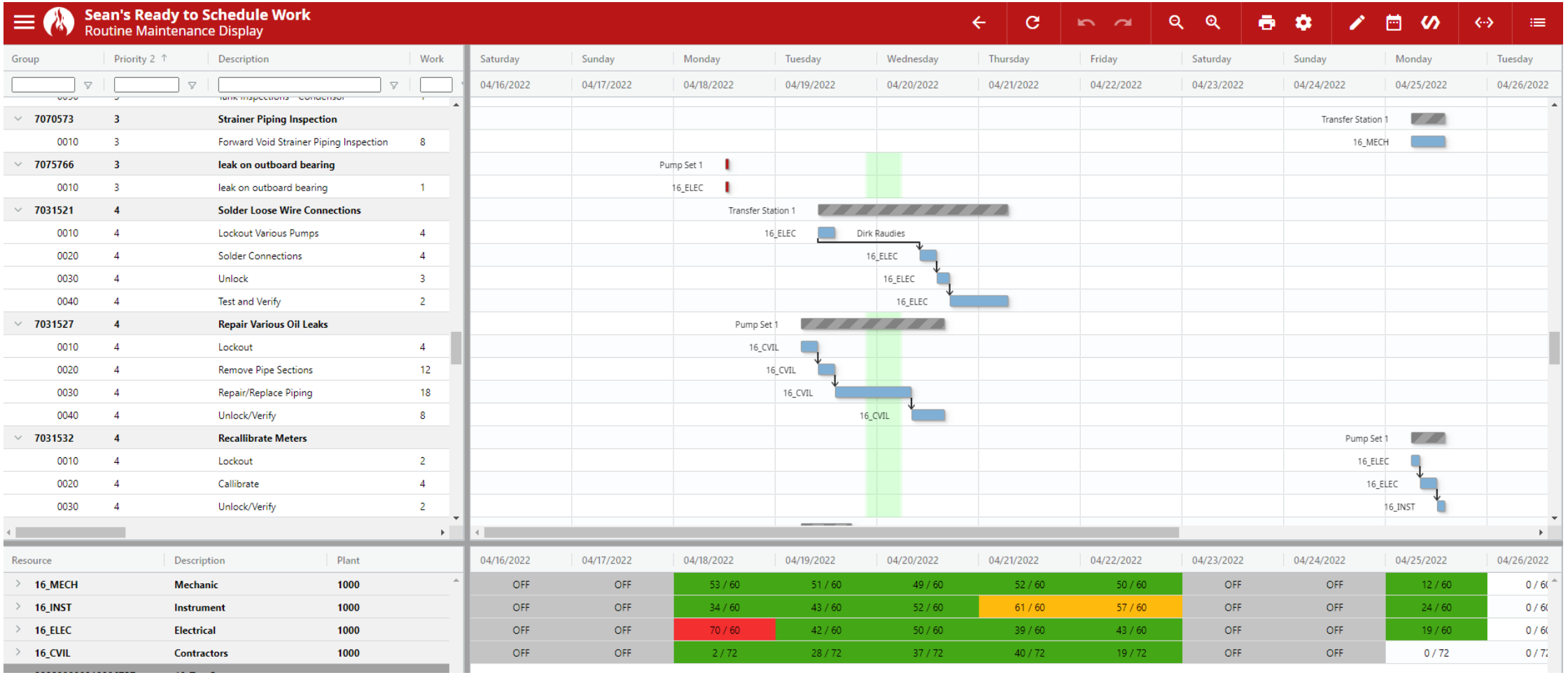
Filling the gaps

- Advantages and feature/function in core offerings
- Robust selection of integrated offerings outside the SAP landscape
  - Permitting & Safety
  - Shutdown, Turnaround, Outage (STO) Management
  - Master Data Solutions
    - No Integrator has done more master data migrations than Prometheus Group
  - Contractor Mangement
  - Capital Project Commissioning

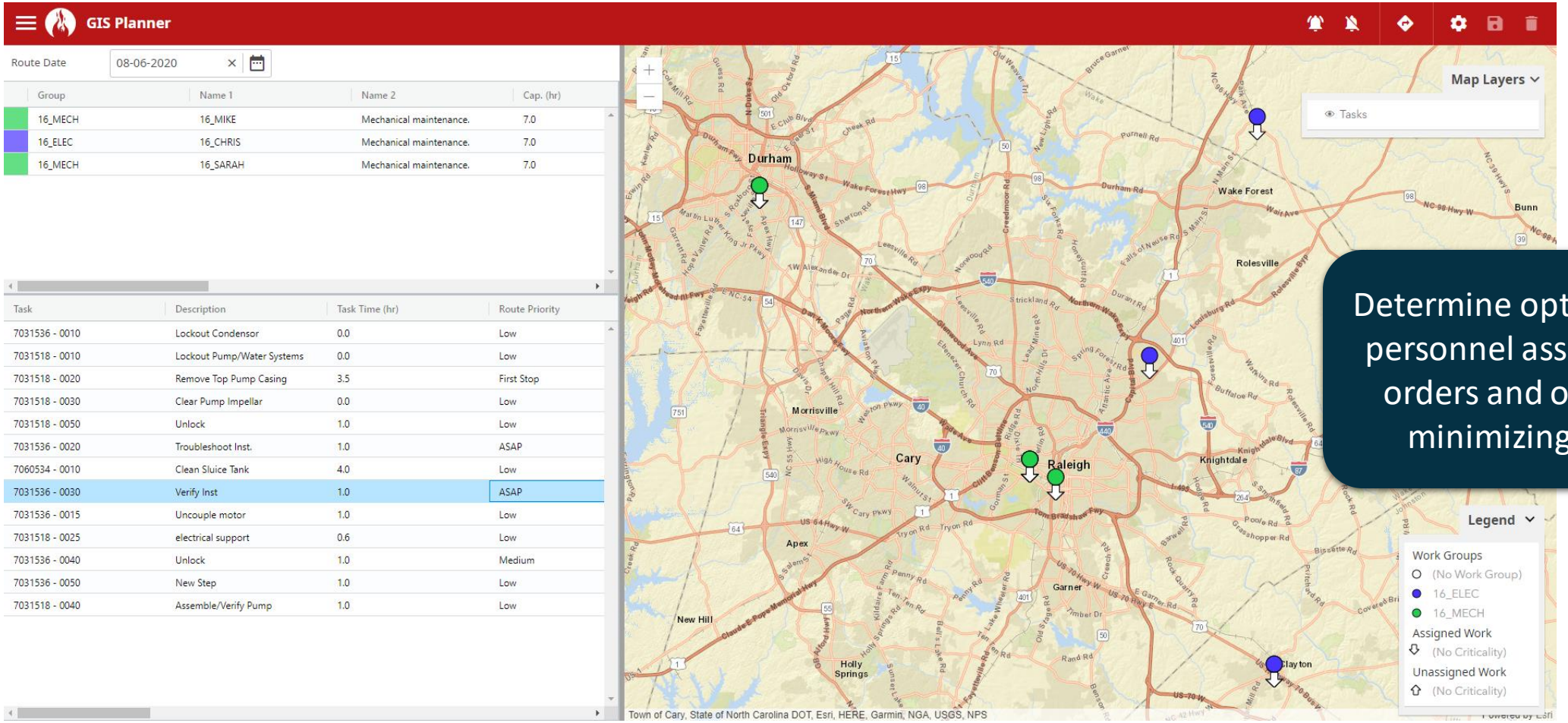
Exploring Advantages - Scheduling

- Newest Features, Key Differentiators
  - Production Overlay
  - MS Project Import
  - WC Groups
  - Tiered Auto-Level
  - Dashboard View
  - Color Coding
  - Work Order Priority
  - Weights

Overlay with Maintenance



GIS Routing

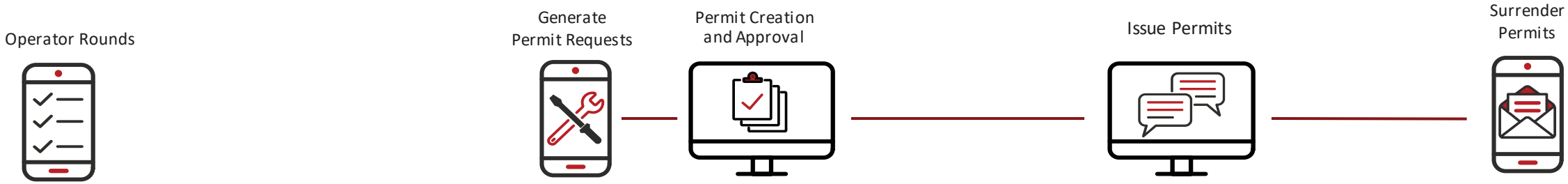


Determine optimal routes for personnel assigned to work orders and operations by minimizing drive time

Digital Transformation Realized

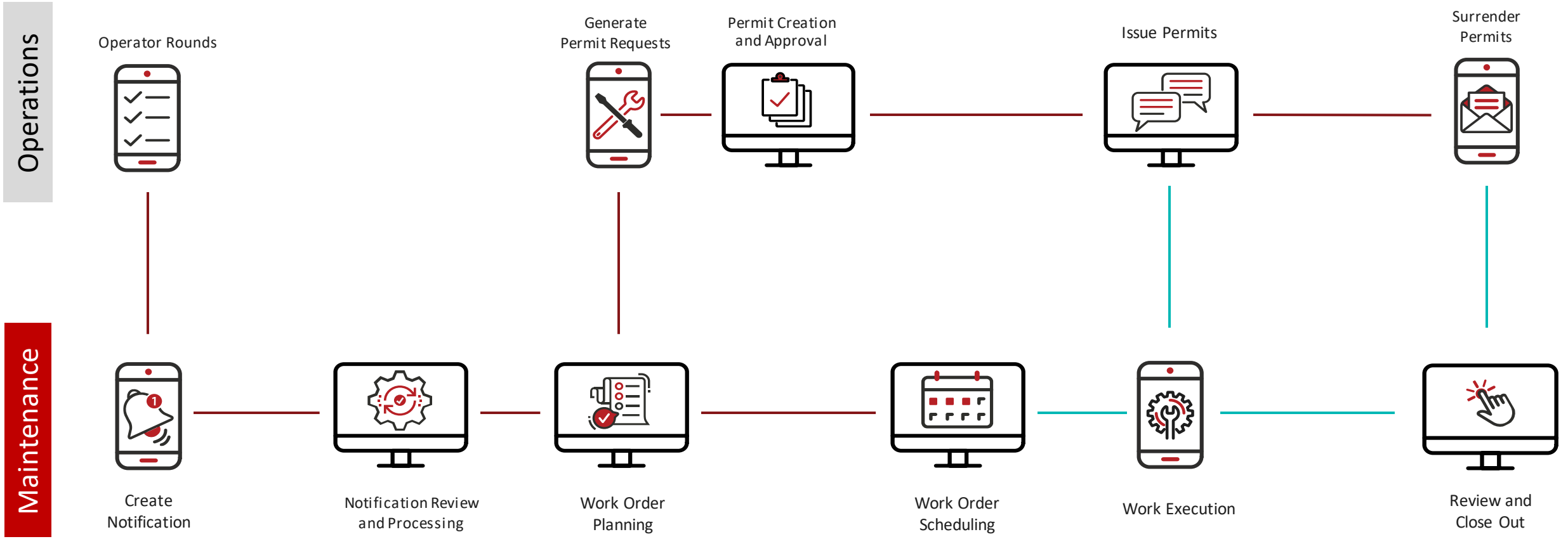
Routine Work Execution Process

Operations

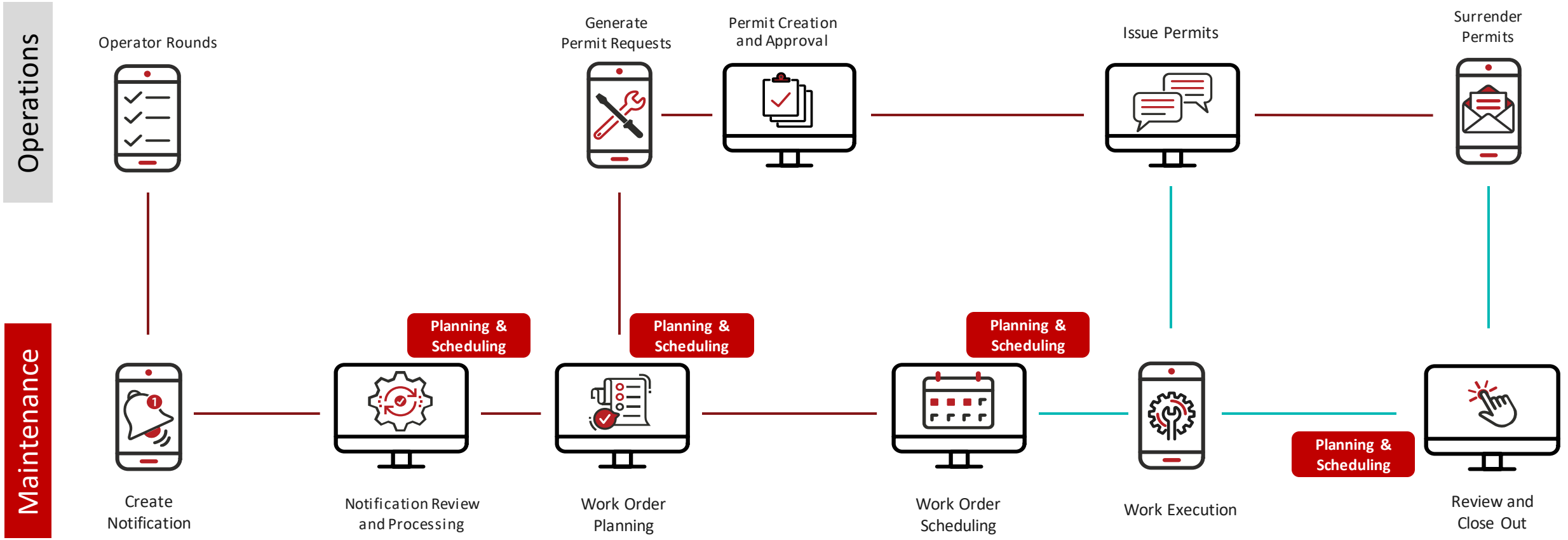


Maintenance

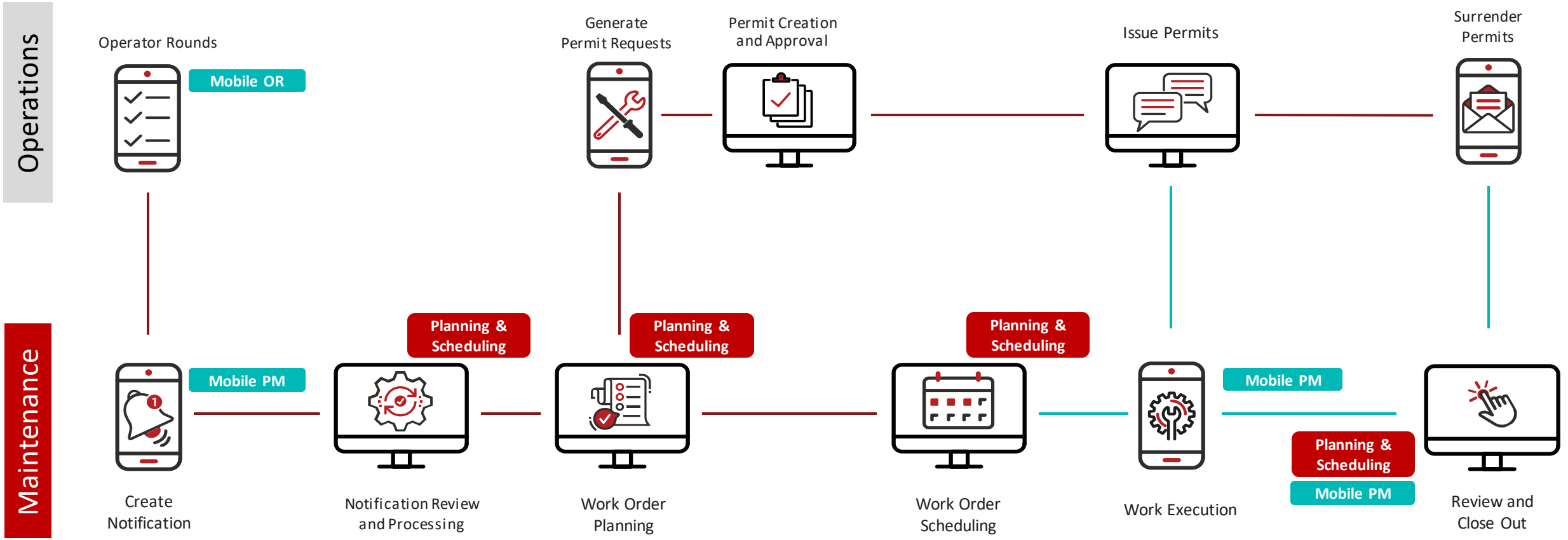
Optimized Work Execution Process



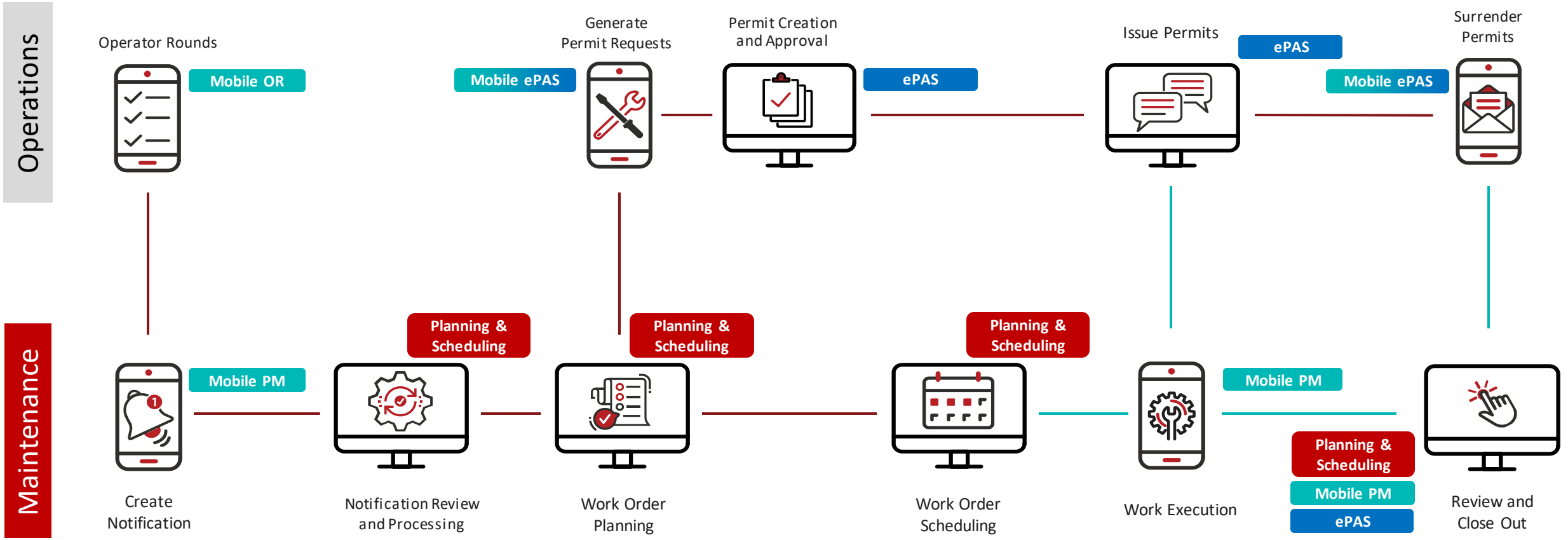
Prometheus Planning and Scheduling



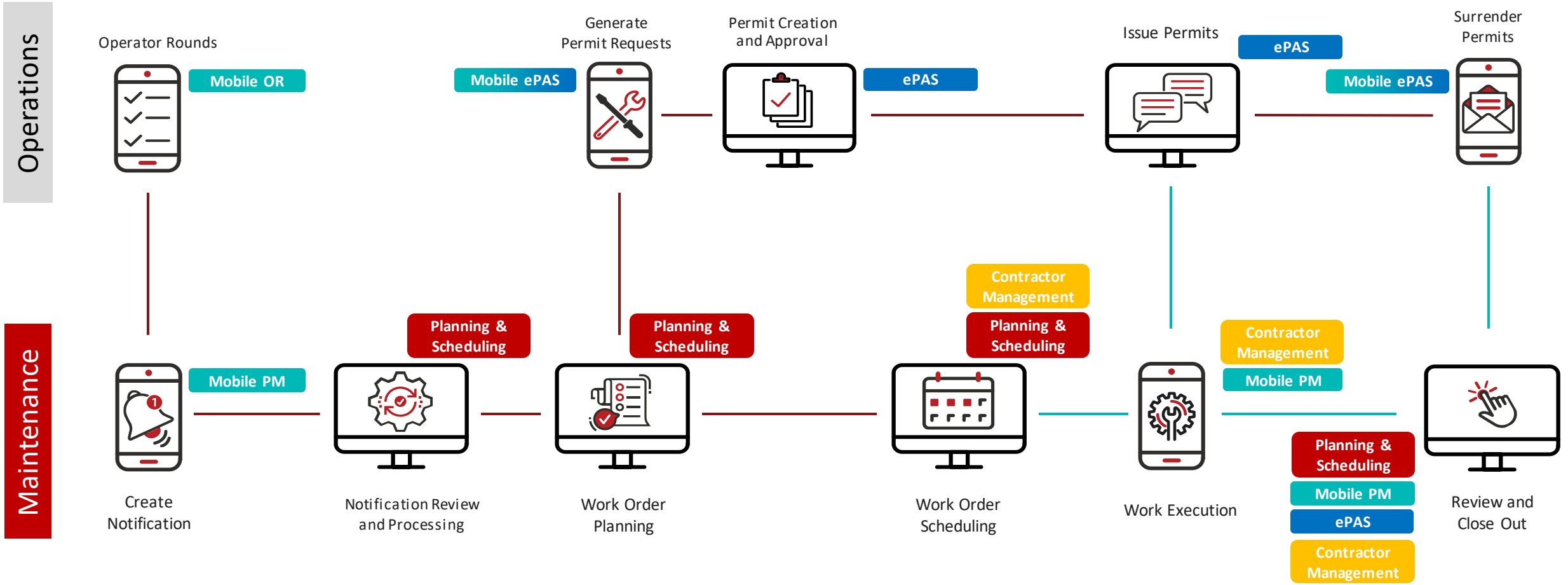
Prometheus Mobile



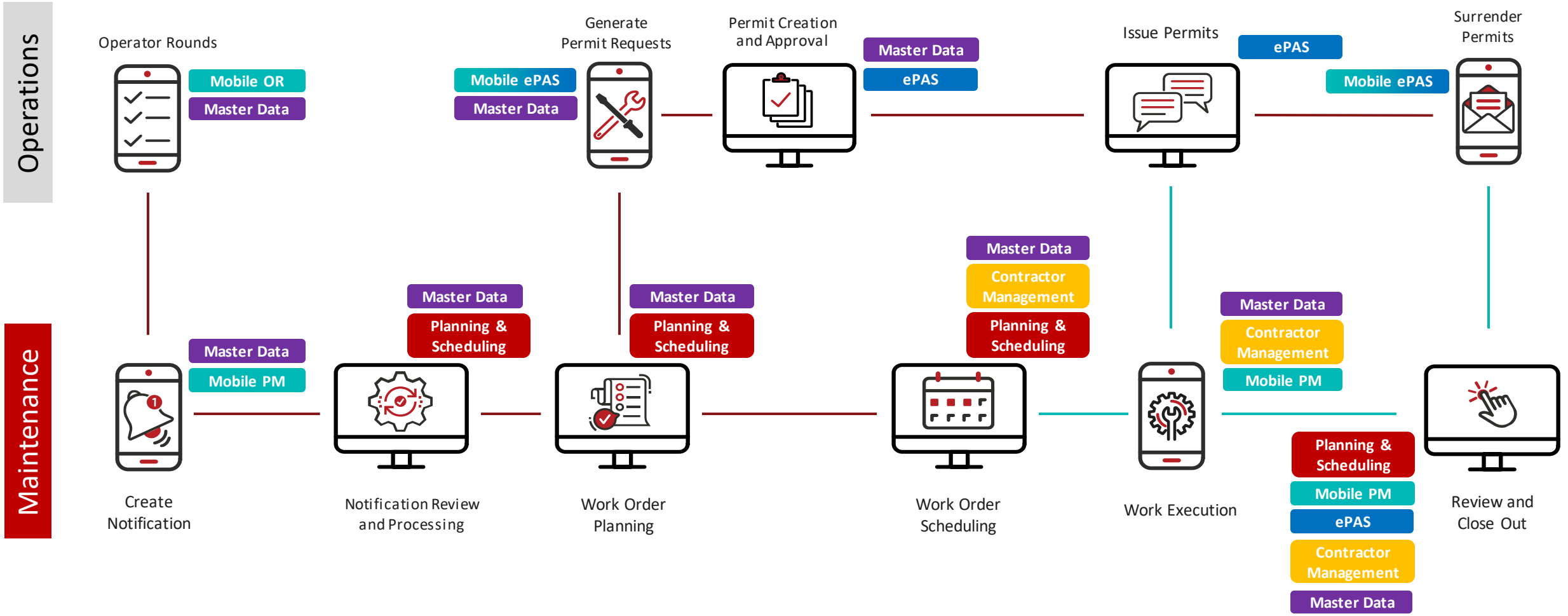
Prometheus Permitting and Safety



Prometheus Contractor Management

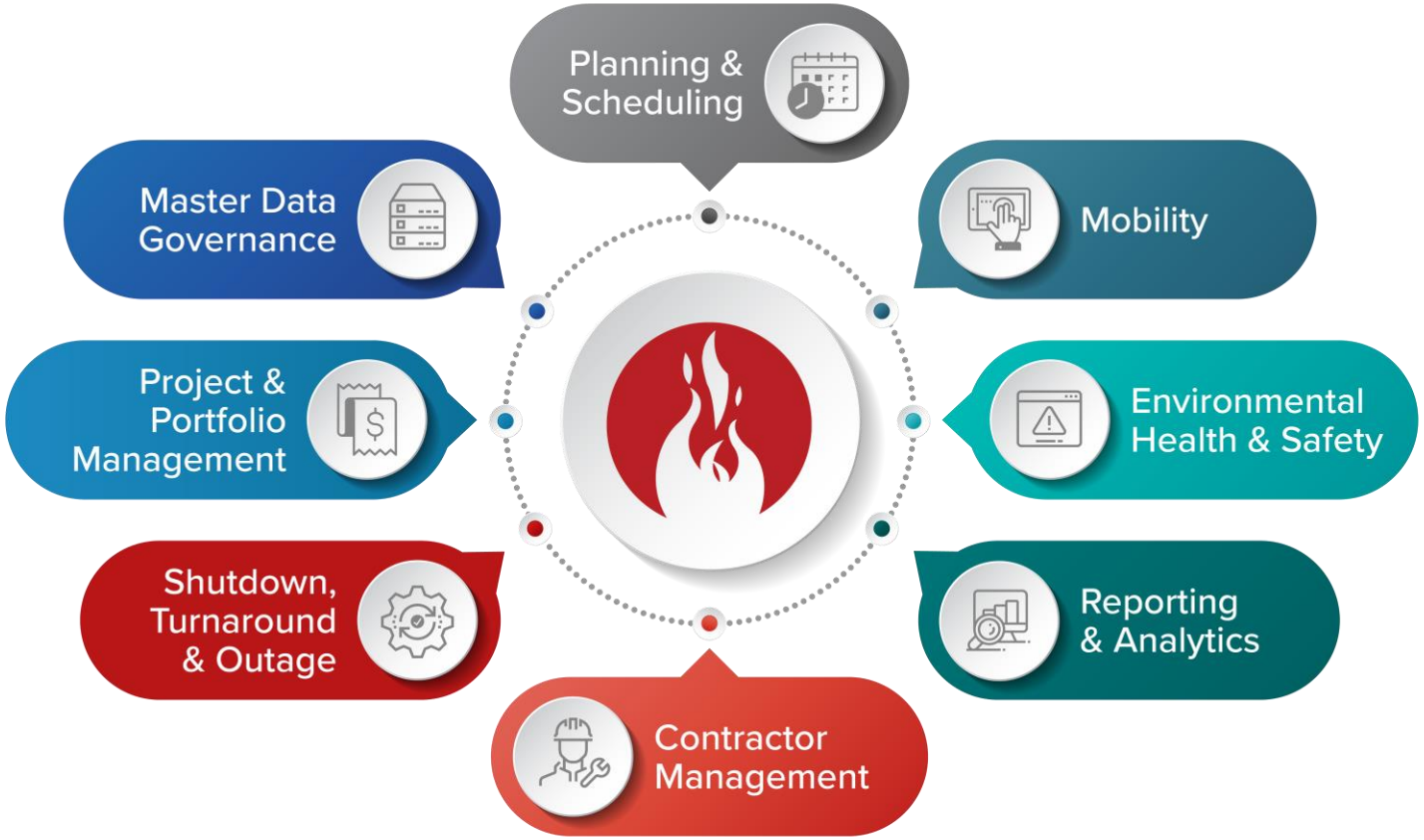


Prometheus Master Data (MDaaS)



Digital Transformation Realized

- Identify the gaps in the process and easy wins to better align maintenance and operations.
- Address all the gaps, without creating an even bigger patchwork of solutions that don't communicate – Commit to the core system
- Prioritize adoption and successful implementation to realize value
- For Prometheus Group, digital transformation lives with the end user
- Accept that change is the only constant, so pick flexibility in your solutions and approach


Planning & Scheduling
Master Data Governance
Mobility
Project & Portfolio Management
Environmental Health & Safety
Shutdown, Turnaround & Outage
Reporting & Analytics
Contractor Management

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