

Decreasing Your Maintenance Costs with MDaaS

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Agenda

- Prometheus Group
- Maintenance Cost and Master Data Quality
- Master Data as a Service (MDaaS)
- MDaaS Enriched Example record
- MDaaS Demonstration

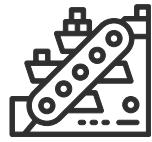
Prometheus Group

- Founded in 1998
- Headquartered in Raleigh, NC, USA
- 21 global offices
- Integrated and intuitive software
- Partnerships with industry leading companies



TOP 10

Oil & Gas



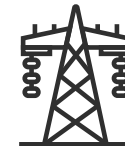
TOP 8

Mining & Metals



TOP 8

Pulp & Paper



TOP 8

Utilities



TOP 6

Chemical

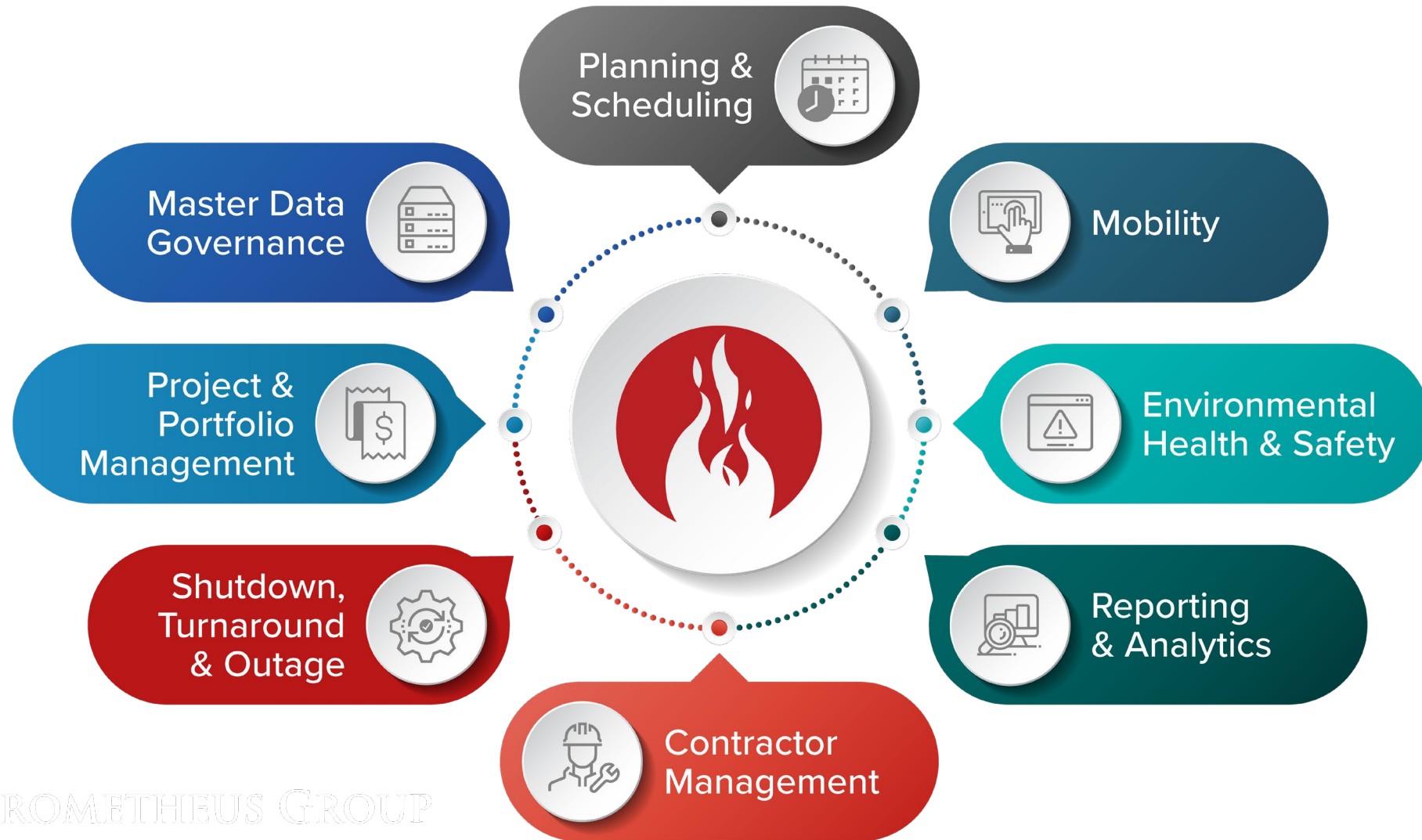


SAP® Certified
Integration with SAP S/4HANA®

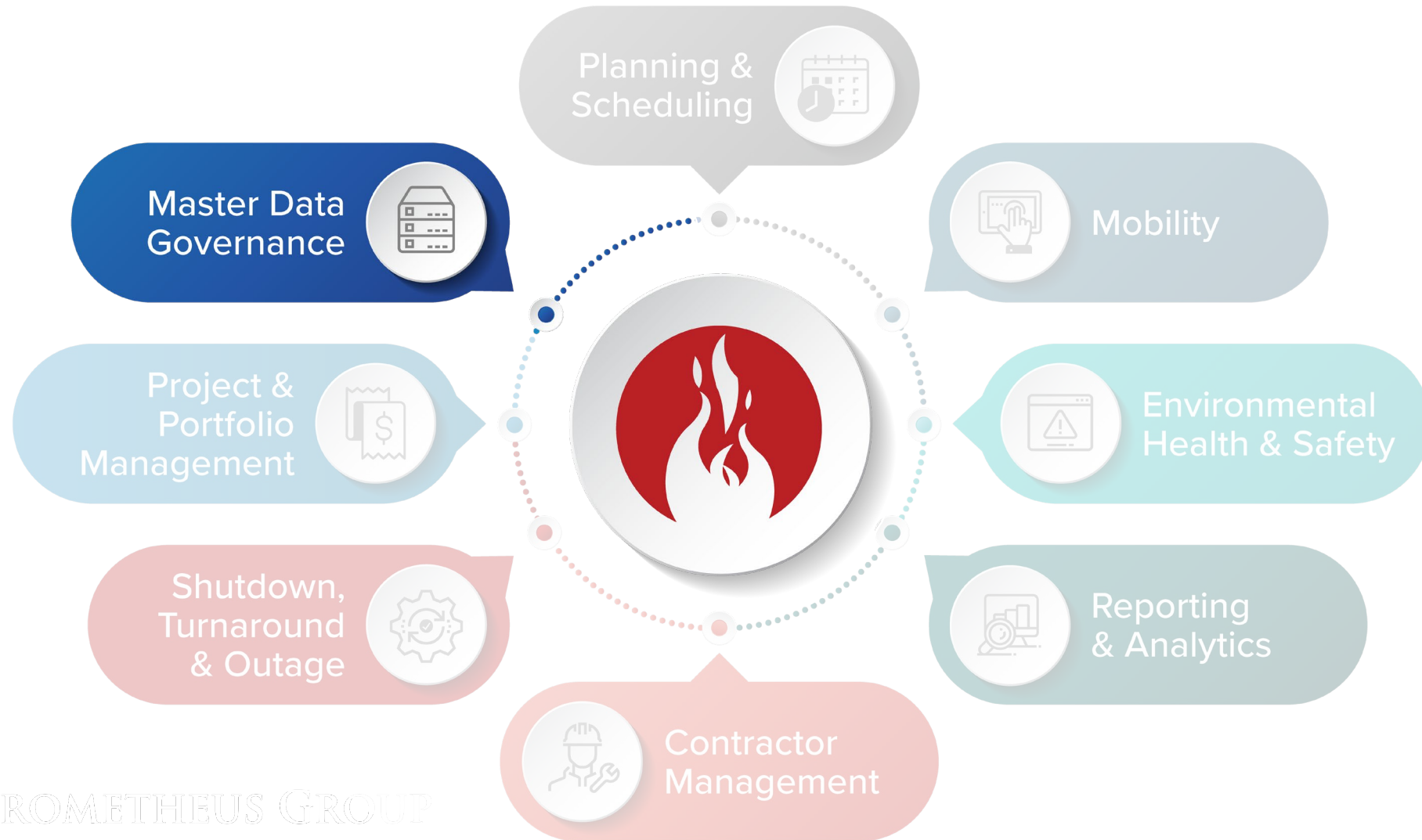
ORACLE® Gold Partner



The Prometheus Platform



The Prometheus Platform



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Key Customers



Maintenance Cost and Master Data quality



Maintenance Costs

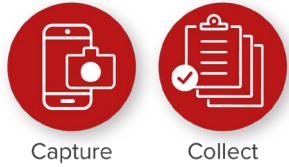
Planned

- Shutdown Turnaround and Planned Outages
 - BOM accuracy
 - Asset hierarchy accuracy
- Routine Maintenance
 - Maintenance plan and task list accuracy

Unplanned

- Maintenance strategy with dirty data leading to break in work
 - Unplanned Equipment Downtime
 - Expedited ordering of parts & materials
- Lack of documentation or having the wrong information
 - Slow and/or wrong decisions

Master Data as a Service (MDaaS)



Capture

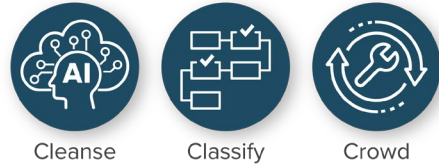
Collect

MDaaS **CAPTURE**

Mobile app for photo-based field data collection

Intelligent image processing and data extraction

Crowd and AI-based data enrichment



Cleanse

Classify

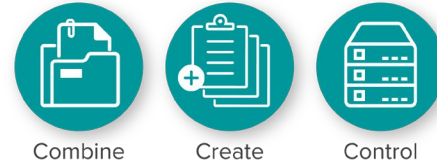
Crowd

MDaaS **ENRICH**

Standards-centric classification

Drawing and manufacturer's website-based data mining

Machine learning-based data cleansing & enrichment



Combine

Create

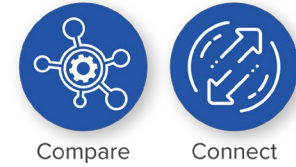
Control

MDaaS **SUSTAIN**

Master Data Management best practice templates

Workflow-driven review & approval

Automated business rules for data validation



Compare

Connect

MDaaS **MIGRATE**

Auditable file comparison and tracking

Integrates with commercial ETLs

Supports all major ERPs

Examples of MDaaS Record Enrichment



Raw Data Provided for MDaaS

| | |
|---------------------------|---|
| Item Number | 0101030348 |
| Item Description | 439569, ACTUATOR, PNEUMATIC, MODEL LT-A-101, LP-A-101, LVS |
| Vendor Item Number | 439569 |
| Vendor Currency | CAD |
| Vendor Contact | |
| Vendor Contract Reference | BISON - PRICE AGREEMENT JUL. 8/21 |
| Vendor Location | CANADIAN VENDOR-OUTSIDE SASK. |
| Quantity on Hand | 1 |
| Quantity in Stock | Yes |

Fully Cleansed/Enriched record

| MANUFACT. NAME | MANUFACT. PART NO | SHORT DESCRIPTION | LONG DESCRIPTION | UNSPSC CODE | CLASS | CHARACTERISTIC NAME | CHARACTERISTIC VALUE |
|----------------------|-------------------|--|---|-------------|----------|--------------------------|-----------------------------------|
| ANSUL | 439569 | ACTUATOR, PNEUMATIC, MODEL LT-A-101, LP-A-101, LVS | LT-A-101 PNEUMATIC ACTUATOR CLASS: ACTUATOR; SUB CLASS: PNEUMATIC; TYPE: PNEUMATIC CYLINDER; BORE SIZE: 3.93in; STROKE: 5.25in; INLET SIZE: 8.25in; CONNECTION TYPE: FTP; ROD SIZE: 16.5in; MATERIAL: BRASS; TORQUE RATING: 12 lb-ft; PRESSURE RATING: 1800psi; TEMPERATURE RATING: -65F to +210F; MOUNTING TYPE: TANK MOUNTING; CERTIFICATIONS / STANDARDS ROHS | 31251504 | ACTUATOR | BORE SIZE | 3.93in |
| | | | | | | STROKE | 5.25in |
| | | | | | | INLET SIZE | 8.25in |
| | | | | | | CONNECTION TYPE | FTP |
| | | | | | | ROD SIZE | 16.5in |
| | | | | | | MATERIAL | BRASS |
| | | | | | | TORQUE RATING | 12 lb-ft |
| | | | | | | PRESSURE RATING | 1800psi |
| | | | | | | TEMPERATURE RATING | -65F to +210F |
| | | | | | | MOUNTING TYPE | TANK MOUNTING |
| | | | | | | CERTIFICATIONS/ STANDARD | ROHS |
| | | | | | | VENDOR NAME 1 | BISON |
| | | | | | | VENDOR PART NUMBER 1 | 439569 |
| | | | | | | VENDOR CURRENCY 1 | CAD |
| | | | | | | VENDOR CONTRACT REF 1 | BISON - PRICE AGREEMENT JUL. 8/21 |
| | | | | | | VENDOR LOCATION 1 | CANADIAN VENDOR-OUTSIDE SASK. |
| | | | | | | VENDOR NAME 2 | LAITETORI |
| | | | | | | VENDOR PART NUMBER 2 | 8998 |
| | | | | | | VENDOR NAME 3 | THE BIG RED GUIDE |
| | | | | | | VENDOR PART NUMBER 3 | 439569 |
| | | | | | | VENDOR NAME 4 | FIRE SYSTEMS PRODUCTS |
| | | | | | | VENDOR PART NUMBER 4 | 439569 |
| | | | | | | VENDOR NAME 5 | AB SUPPLY |
| | | | | | | VENDOR PART NUMBER 5 | 439569 |
| | | | | | | VENDOR NAME 6 | IFAS |
| | | | | | | VENDOR PART NUMBER 6 | AN439569 |
| | | | | | | VENDOR NAME 7 | L&J FIRE EQUIPMENT |
| VENDOR PART NUMBER 7 | 439569 | | | | | | |
| DRAWING NUMBER | 152-33 | | | | | | |
| MODEL NUMBER | 30004457 | | | | | | |
| SERIAL NUMBER | 160003345 | | | | | | |

- Record Built to UNSPSC 31251504
- Material Descriptions Standardized
- Vendor and Manufacturer Information Added



Questions?



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