

PROMETHEUS  
GROUP | **USER**  
**CONFERENCE**



Messer's Transition to  
Prometheus Web Scheduler



George Kenyon is the owner of both Prometheus Web and Prometheus Mobile in his current role at Messer as a Sr. Manager of Reliability Systems. In the beginning of his professional career, he served in the US Navy and held several different global and regional roles in BOC gases and later Linde LLC who purchased BOC Gases.

# Agenda

- Messer Introduction
- Prometheus Timeline and Partnership
- Initial Use Cases
- Usage Growth
- Transition to Web Scheduler
- Lessons Learned

# Messer in Brief



## Company

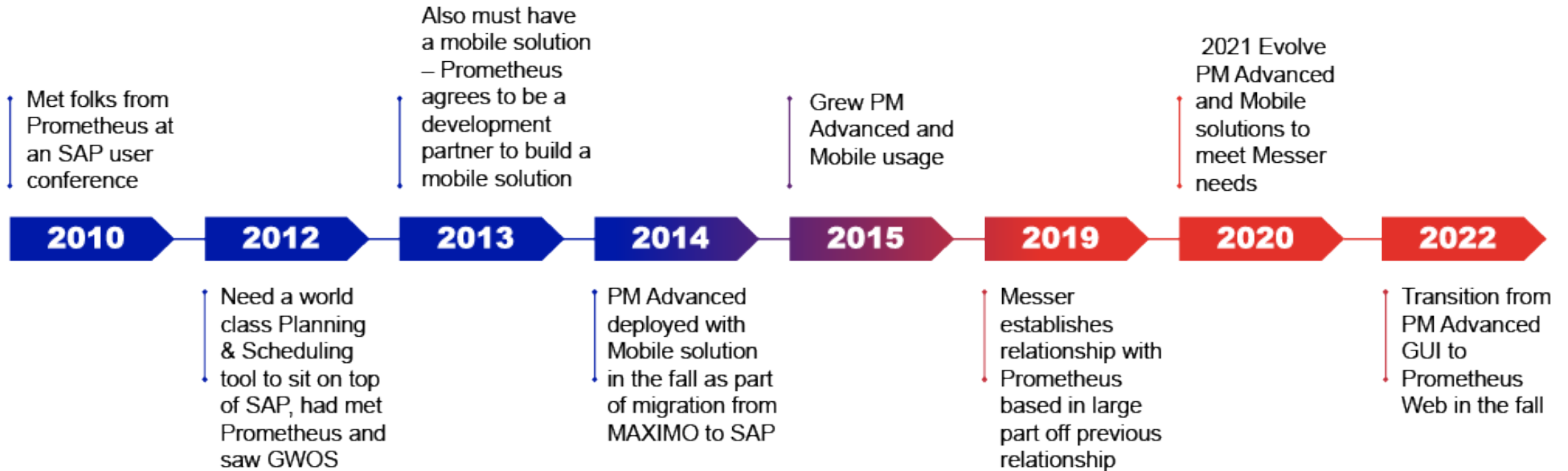
Formed in 2019 after our business was acquired by Messer Group and CVC Capital Partners, we draw on a rich heritage of industrial gases expertise to meet customer needs. As part of Messer Group, we are the world's largest privately owned industrial gases business.

Messer is a technology and applications leader with the industry knowledge and experience to meet customer needs across industrial, food, medical, chemical, and electronics industries. We offer over 120 years of proven experience in the safe and reliable production and delivery of industrial, medical, and specialty gases.

## Solutions

- Problem-solving gas technologies
- Extensive, flexible and reliable gas distribution network
- Industry experts and local customer service team

# Prometheus Relationship



# Prometheus Relationship

Real Time Scheduling Mode - Version 4.3.6

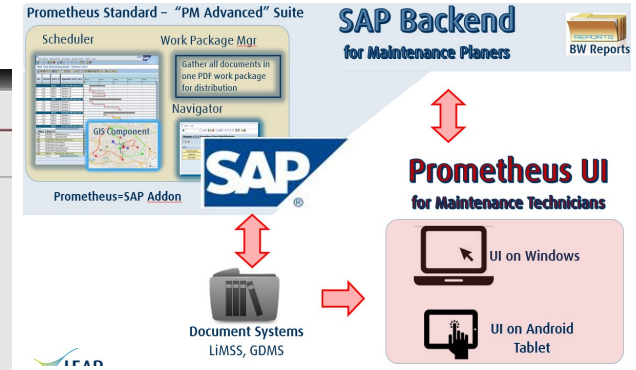
Plnt	Plnt	P	Type	P	Revision	R	03-Apr	04-Apr	05-Apr	06-Apr	07-Apr
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5183	5286	P01	OC20	4							
5183	5286	P01	OC20	4							
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518	5286	PO	OC20	3							
5183	202TECH	Technician					1.0/8.0	2.0/8.0	5.0/8.0	4.0/8.0	1.0/8.0
5183	202TECHT	Technician - Transport					10.0/8.0	2.0/8.0	0.0/8.0	0.0/8.0	6.5/8.0
END											

Home

Order Management: Create Notification, Notification, Work Order, SRM

Inventory Management: Receipt, Return, Transfer, Scrap

Physical Counting: Create Document, Update Document, Input Count, Post Differences



NAVIGATOR

- SCHEDULER
- SHIFT UPDATER
- ORDER PLANNER
- WORK PACKAGE MANAGER
- MAINTENANCE PLAN MANAGER
- TASK LIST MANAGER
- CONFIGURATION PANEL
- DATABASE MANAGER

WORK ORDERS: SEARCH, CHANGE, CREATE

PURCHASING: PR - ME23N, PO - ME23N, ME2K

MASTER DATA: CREATE EQUIPMENT, CHANGE EQUIPMENT, CREATE LOCATION

MINIMASTER / WORK CENTER: PA30, PA40, CREATE WC

PHYSICAL COUNTS: MS1, MI24, CREATE PID

REFERENCES: User Community, LiMSS Lite Library, Tableau

23 Mar Thursday

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Sync

NOTIFICATION: Create Notification, Notification, Enter Measurement from List, Create Measurement List, Create Reference Notification, Create Reservation, Reservation Search, IWS1 - Create Service Notification

WORK ORDER: Create Work Order, Work Order, Job Queue, Reliability Review, Create Reservation, Reservation Search, Confirmation Report, Timesheet, DOT Inspection Report

PURCHASE ORDER: Materials & Services Receipt, Materials & Services Return, Goods Issue, ME2N - PO List

INVENTORY MANAGEMENT: Material Transfer, Material Scrap, WM Material Stock, Create Transfer Order, Confirm Transfer Order Search, Print Inventory Tag, MBS2 - Inventory Balance, ZM26 - Consumption History, OPS Physical Count Status, FLEET Physical Count Status, CES Physical Count Status, Physical Count Start, SAFETY STOCK CHANGE REQUEST

PHYSICAL COUNTS: Create PID, Input Count, Update PID, Post Differences, Enter Count w/o PID, MI24 - Count Status

MASTER DATA: Equipment Drilldown, Material Search, Search Personnel, Get Employee Map, Equipment - Install, Update Work Center, HR Minimaster, Activity Rates

MEASUREMENT POINT: Create Measurement List, Enter Measurement from List, Select Operator Rounds

SETTINGS: Settings, SAP Settings, SU3 - User Profile, IW42 - Confirmations, Pending Errors (1), Pending Items (0)

REFERENCE: SAP PM User Community, LiMSS Lite Library, Tableau, Messer Homepage

REQUESTS: IS Service Portal, Material Create/ Extension Request, Fleet Resource Change Request Form

PURCHASE/PAY APPS: Coupa, Transplace, PaymentNet/JP Morgan, BandPay, Concur, AMEX

OTHER APPS: Messer4Me, Intelec, Embrace Idea, TRACCESS, OMS (IS / PARKVIEW), SAMSARA

# Initial Goals With Mobility and Scheduling

- **Efficiency for field technicians, planners, and supervisors**
- **Graphical work order scheduling tool with drag and drop functionality**
- **Keep master and transactional data within SAP**
- **Improve inventory control processes such as goods receipts and issues**
- **Simplify parts searching**
- **Simplify notification and work order creation**
- **Utilize scanning to find equipment and/or parts**
- **Provide point of use device to get near time transactions**
- **Enable physical count process for spare parts**
- **Improve customer visibility to work performed**
- **Reduce DSO to improve cash flow**
- **Reduce TWC associated with spare part inventories**

# Usage Over Time

- **Where did the project start vs. where they were before GUI to Web transition**
  - Start
    - Prior to GWOS virtually all planning was done outside system
    - No mobile solution available for use
- **What benefits or gains did you see over time?**
  - Easy user adoption with mobile, very easy to use
  - Very low change management and training overhead for mobile
  - PM Advanced provided tools to do things much earlier than standard SAP even though using SAP GUI (OTB, GWOS, etc.)
  - Spare parts inventory control improved, only do physical once per year vice ABC approach
  - Reduced spare holding consistent with risk-based approach to stocking parts
  - DSO reduced
- **What was an unexpected benefit**
  - Timely good receipts
  - Customer signatures on work done
  - More accurate failure data

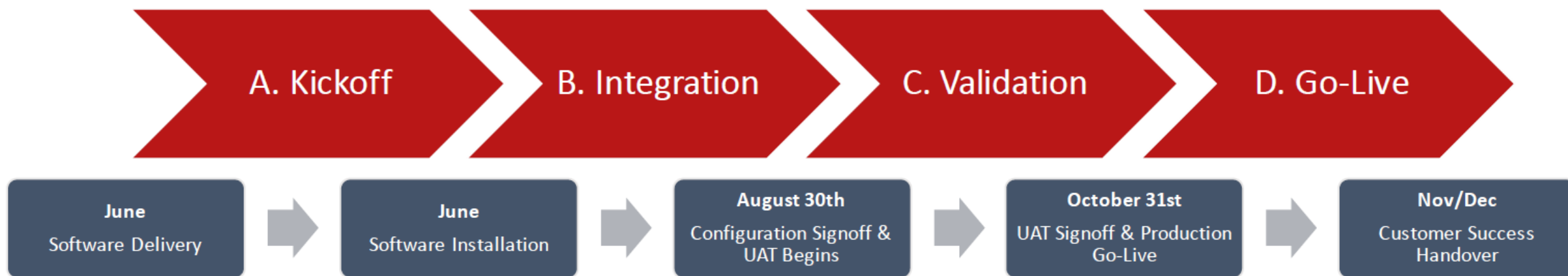


# Why Transition to Prometheus Web P&S

- **What were driving factors in moving users from the GUI to Web?**
  - Introduce new business groups to Prometheus planning and scheduling tools
  - Wanted a more configurable end user experience
- **Were users looking for a new look or was this more IS/IT/Management driven?**
  - IS was looking for an opportunity to introduce SAP Cloud Process Integration (CPI) as a means of SAP communication
- **What were the benefits you were looking for?**
  - What T-Code? We don't need no stinking T-Codes
  - Move to a solution where it is similar to mobile in terms of administration by the business
  - Add Task List Manager to the portfolio
  - IS to evaluate the long-term ownership costs of a SaaS solution bolted to SAP vs hosting internally
- **What are the long-term expectations of this solution?**
  - Adopt, use, and enhance the solution to meet Messer's needs
  - By intruding the functionality to the Fleet Rehab Center, we are not even completely sure of the benefits of scheduling visibility alone
  - Take advantage of future Prometheus enhancements to the application

# Prometheus Web

## Project Phases



# Lessons Learned and Early Benefits

- **What early benefits have you seen in the web?**
  - Migration was very easy overall ~3 months from approval to do it to PROD
  - Training was straight forward and only took 2 days
  - TLM is pretty cool, no more winshuttles to change in mass
- **What lessons learned do you have for this?**
  - Make sure set read authorization somewhere
  - Utilize the Prometheus resources to the fullest extent, paying for it so use it
- **How do you see this impacting S4?**
  - Have not really thought about it in that context

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Thank you