

Gestione ottimizzata della manualistica tecnica e dei cataloghi ricambi

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"In every manufacturing segment today,
the competitive battleground is changing dramatically...
customers will be won or lost and financial targets
will be hit or missed based on the efficiency
and quality of service delivery."

Michael Blumberg, "Service Lifecycle Management (SLM): The New Competitive Frontier"









## Poor Service Experience

- DEALERS, TECHNICIANS & CUSTOMERS UNABLE TO ACCESS APPLICABLE PARTS INFORMATION FOR REPAIR
- HIGH SERVICE TIME 40% OR MORE – IS SPENT SEARCHING FOR PARTS INFORMATION
- UNPREDICTABLE REPAIR AND RESOLUTION TIMES
- HIGH PRODUCT DOWNTIME

## High Service Costs

- INACCURATE PARTS LISTS
   RESULT IN PARTS ORDERING
   ERRORS AND DELAYS
- HIGH INVENTORY COSTS
   ASSOCIATED WITH CARRYING
   COSTS OF OBSOLETE PARTS
- OUT OF DATE SERVICE PARTS REPLACEMENT PROCEDURES DON'T MATCH THE PRODUCT
- ~25% OF SERVICE ORDERS
   REQUEST MULTIPLE PARTS
   BECAUSE THE TECHNICIANS
   ARE UNSURE OF WHICH IS THE
   RIGHT ONE

# **Lost Business Opportunities**

- NEW PRODUCT SHIPMENTS ARE DELAYED
- LACK OF CONFIDENCE IN PARTS ACCURACY REDUCES SALES
- OPERATIONAL RISKS
   INCREASE WHEN INACCURATE
   PARTS ARE USED THE
   COMPANY FACES MORE
   LIABILITIES

#### **Service Parts Information Goal**



### Accurate, up-todate parts information

Increases part ordering accuracy and efficiency throughout the service network (field service, contact center and parts depot) by providing access to the best option service part based on specific product configurations, warranty coverage and service events.





CREATE

(sBOM) by linking to product design information and spares strategy

MANAGE configuration-specific service parts content and integrated change processes

**DELIVER** 

Configuration-specific service parts catalogs and dynamic 3D interactive parts information

"Currently, the average service firm reveals a 56% level of utilization which means that nearly half of an average worker's day is spent in non-productive tasks."

Aberdeen GroupMobility in Service (2010)







#### Inaccessible

- UNABLE TO PERFORM SERVICE DUE TO LACK OF INFORMATION
- MUCH SERVICE TIME 40% OR MORE – IS SPENT SEARCHING FOR INFORMATION.
- REPAIR AND RESOLUTION TIMES ARE UNPREDICTABLE.
- PRODUCT DOWNTIME RISES.

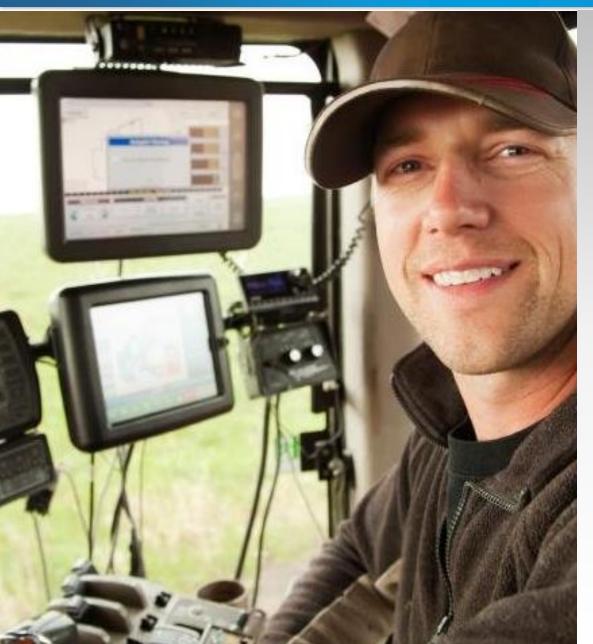
#### Outdated

- FREQUENT ERRORS CAUSE REWORK.
- OPERATOR INSTRUCTIONS
   AND SERVICE PROCEDURES
   DON'T MATCH THE PRODUCT.
- MISTAKES ABOUND IN IDENTIFYING AND UTILIZING SPARE PARTS.

#### Undeliverable

- NEW PRODUCT SHIPMENTS
   ARE DELAYED. INBOUND
   SUPPORT CALLS SKYROCKET.
- REPAIR CYCLES SLOW OR EVEN HALT. SERVICE PRODUCTIVITY FALLS.
- OPERATIONAL RISKS INCREASE. THE COMPANY FACES MORE LIABILITIES.

Your Goal PTC°



## Dynamic Task-Based Service Intelligence

Provides end-users with relevant, up-to-date technical information specific to product configurations and service events to improve service efficiency.



CREATE

structured and illustrated content for content reuse and improved localization

MANAGE product-centric content and change management

**DELIVER** 

configuration-specific, graphical information across the service ecosystem

# PRODUCT & SERVICE ADVANTAGE®