



**MIBDA**

MISSILE SYSTEMS

Factory Of The Future

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Chief Information Officer  
Information Management Directorate

# OBJECTIVES OF FACTORY OF THE FUTURE INITIATIVE AT MBDA

## **Throughput**

(minimize investment, maximize assets utilization)

## **Competitiveness**

(reduce costs, improve quality)

## **Flexibility and responsiveness**

(quickly answer to customer needs)

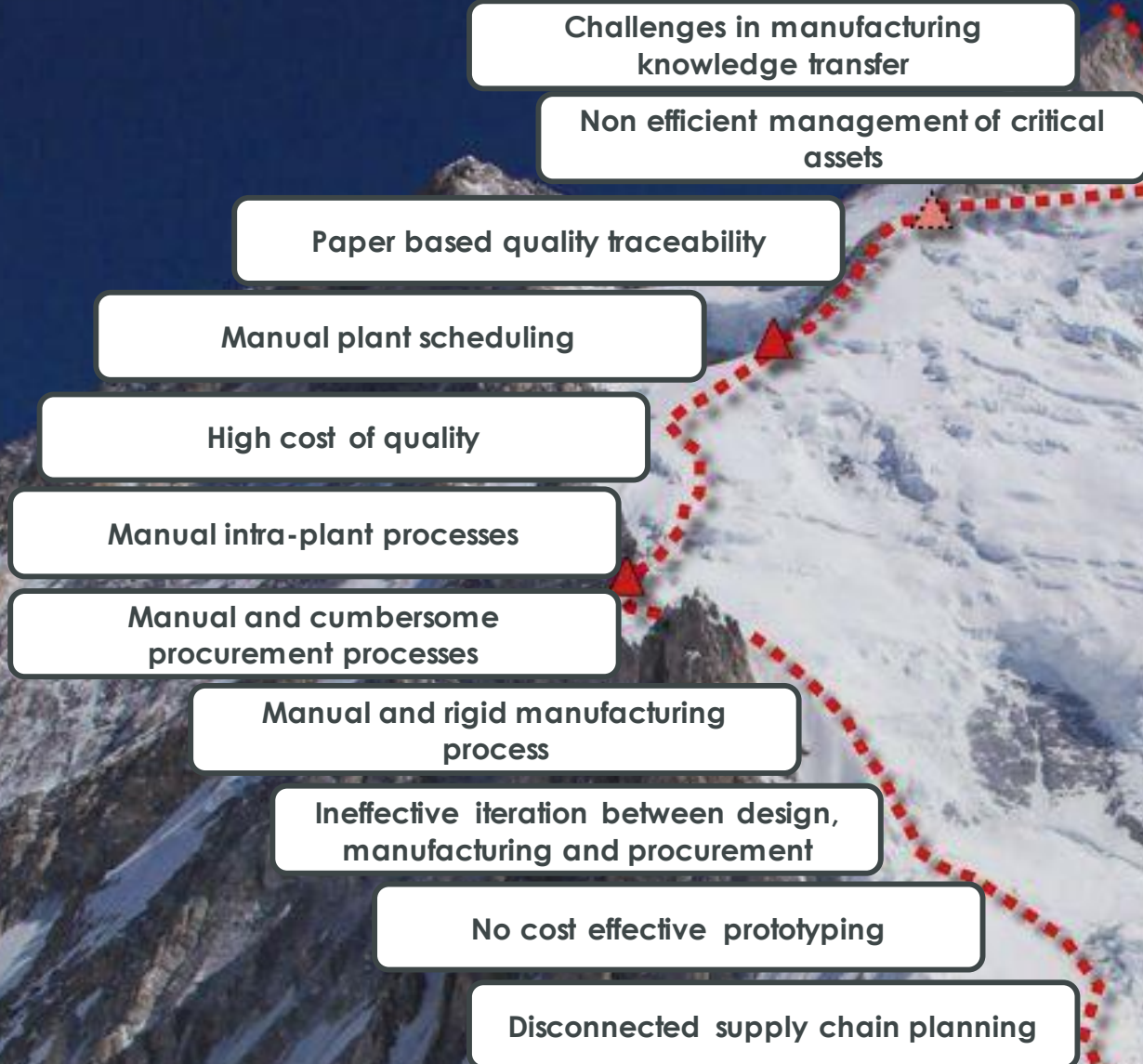
## **People, team and environments**

(attract and retain talents)

## **Velocity and rapid decision making**

(go quick in decision making, provide real time and right version of the information, avoid information duplication)

# PAIN POINTS TO TACKLE WITH FACTORY OF THE FUTURE AT MBDA



# TRANSFORMATION: PREPARE THE EXPEDITION OF FACTORY OF THE FUTURE

SMART  
MANUFACTURING  
TECHNOLOGIES

TRADITIONAL SOLUTIONS




**Industrial Internet of Things**



**Advanced Human-Machine Interface**



**Industrial Analytics**



**Advanced Automation**



**Cloud Manufacturing**



**Additive Manufacturing**

**Product Development**

**Production Management**

Product Lifecycle Mgt (MatriX)  
Service Life Management (CSS)

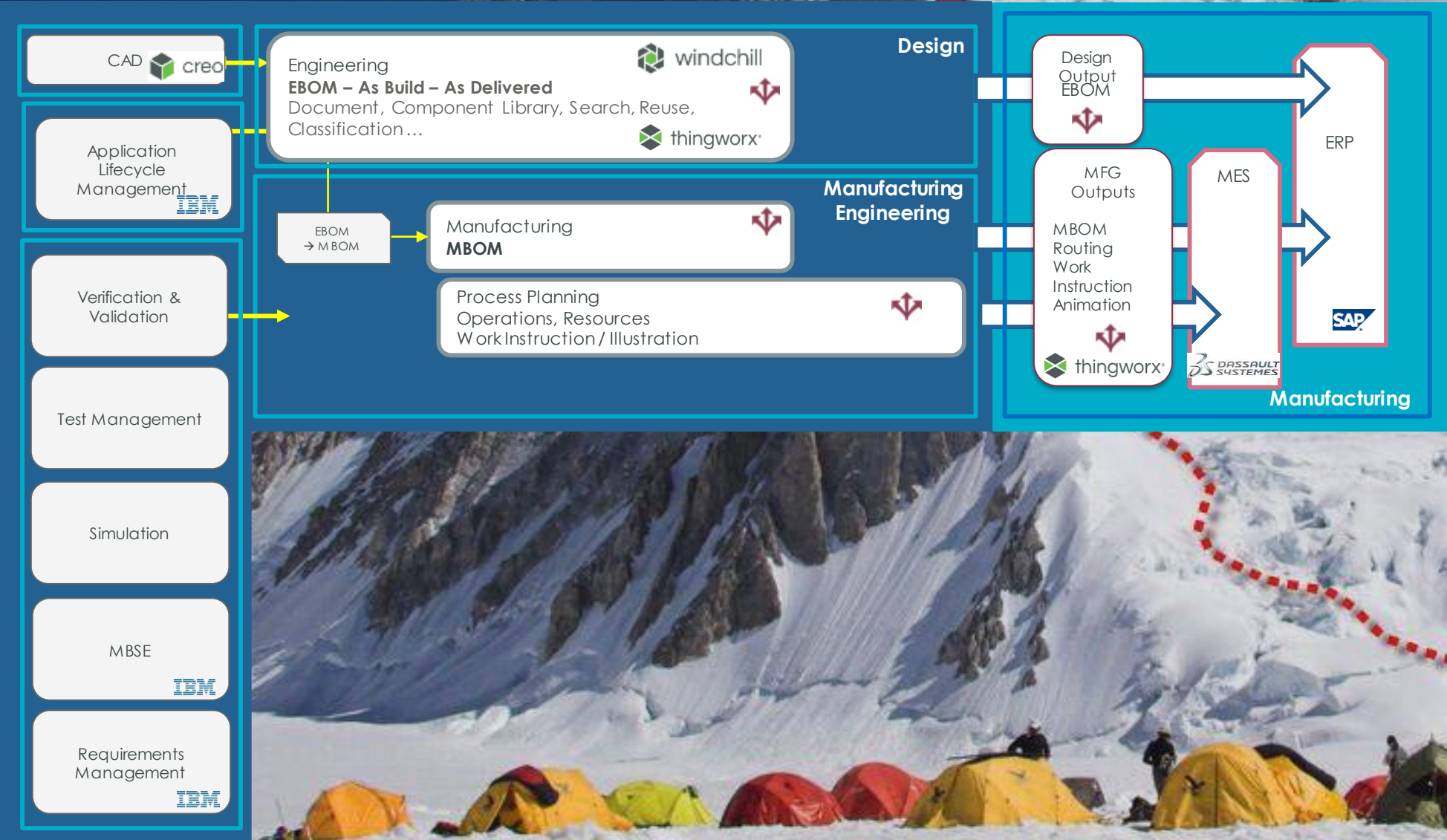
Leadership style based on transparency and openness  
Organization as a network

**International Manufacturing management**  
connectivity to support international cooperation  
automatic record to track data & information  
connect Manufacturing with Engineering chain

**Manufacturing factories**  
paperless management in factories  
Extend deployment and functionality of the MES  
Manufacturing planning and capacity simulation

**Supply Chain / Procurement**  
Common Supply Data Base  
Automatic platform for Procurement Processes

# TRANSFORMATION: BUILD THE BASE CAMP



# TRANSFORMATION: FACTORY OF THE FUTURE



**Additive Manufacturing**



**Advanced Human-Machine Interface**



**Advanced Automation**



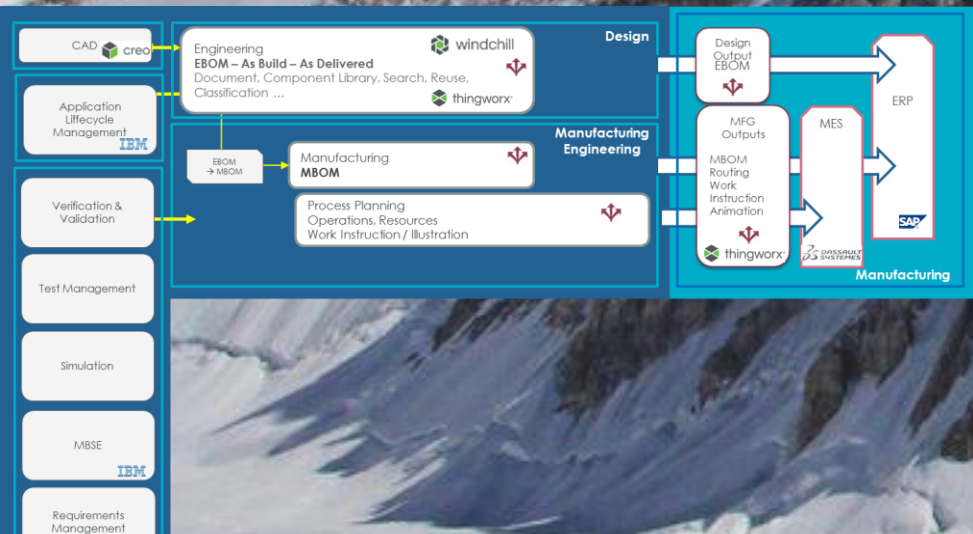
**Industrial Internet of Things**



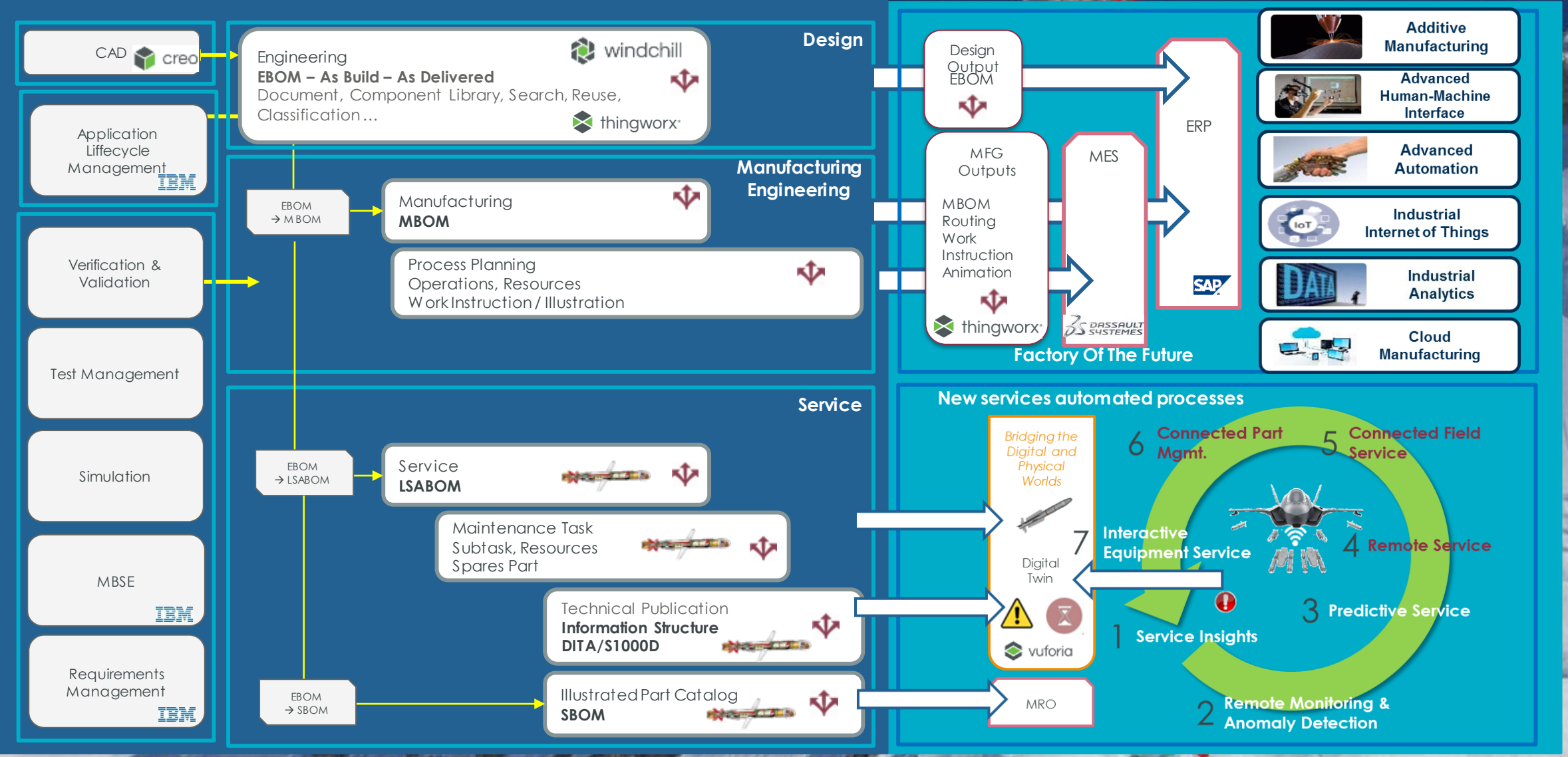
**Industrial Analytics**



**Cloud Manufacturing**



# MBDA OF THE FUTURE: DIGITAL MBDA



# Gasherbrum 2 – 8035m

Baltoro, Muztagh, Karakoram, Pakistan



Did you recognize the mountain ?