DMG MORI Federal Services:
DMG MORI Advanced Manufacturing and Additive Manufacturing Solutions

NCMS Technology Showcase
FRC East

PROBLEM STATEMENT

- How to reduce Machining Time
- How to reduce scrapped parts
- How to increase accuracy of machined parts
- How to reduce the number of machines needed
- How to reduce the number of complex and expensive fixtures needed to machine components
- How to reduce lead time to repair critical components
- How to train machine operators

BENEFITS

- Reduces scrap parts
- Reduces the number of machines needed to complete a part or repair- Smaller footprint
- Reduce cycle/ production time
- Reduction of repair time
- Higher quality and increased precision
- Less tooling and fixtures required
- Less Machine Operators needed
- Reduced energy consumption and CO2
- Increased profits

TECHNOLOGY SOLUTION

- Additive manufacturing enables the creation of parts and products with complex features previously not possible
- Use of both additive and subtractive technologies in one machine (DMG MORI Hybrid DED Machines) combine operations and reduces the need for complex fixtures
- 5-Axis Milling and turning in same machine reduces the number of machines, fixtures, set ups, scrapped parts, leading to reduced time needed to make the part complete
- DMG MORI Academy offers expert training in operation and repair of our machine tools

GRAPHIC

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FEDERAL SERVICES