



# Professional Services Maintenance and Engineering

## Professional Services

# Maintenance and Engineering

Airplanes generate returns when they fly, not when they sit idle. The Boeing Professional Services team helps airlines and Maintenance Repair and Overhaul (MRO) facilities rapidly diagnose systemic problems with maintenance, engineering, servicing, planning, troubleshooting and logistics support. Utilizing our Original Equipment Manufacturer (OEM) knowledge and proprietary methods, Boeing can quickly pinpoint root causes of problems and recommend specific changes to fix airplane issues, improve the dependability of the fleet, and support an airline's fleet plan.

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Consultative recommendations for improved reliability, quality, and consistency

### The Maintenance and Engineering practice offers the following consulting services:

#### Component Reliability

- Departure reliability analysis
- Component shop records analysis
- Fleet-specific economic service bulletins optimization
- Component maintenance servicing and repair optimization

#### Inventory Optimization

- Inventory and logistics analysis
- Independent validation and/or evaluation of material management practices
- Inventory optimization action plan across networks and fleets
- Capital cost reduction

#### Lean Maintenance and Best Practices

- Maintenance process mapping
- Total cost quantification

- Enterprise-wide Kaizen and 5S Lean training
- Best practices benchmarking

#### Maintenance Management Process Studies

- Independent validation and/or evaluation for senior maintenance executives
- Mergers, MRO segmentation, restructuring and regulatory issues
- Organizational alignment with business plan, fleet, network, maintenance bases and resources



Contact us at [Professional.Services@boeing.com](mailto:Professional.Services@boeing.com) to discuss your requirements.