



# SmartLIFE

Optimizing your engine's lifecycle

Engine MRO Management is a very complex and costly challenge for any operator. With engine MRO costs making up about 80% of an aircraft's total MRO budget, every detail of the engine maintenance program is crucial to lower the total cost of ownership. This is why Lufthansa Technik developed SmartLIFE.

With SmartLIFE, we offer a modular approach that includes consulting services, digital solutions and technical fulfillment to reduce your engine MRO costs. Our fully customizable solution is tailored to your fleet and capabilities and has a proven record on all major engine types, such as the CFM56, V2500 and CF6-80.

## Benefits

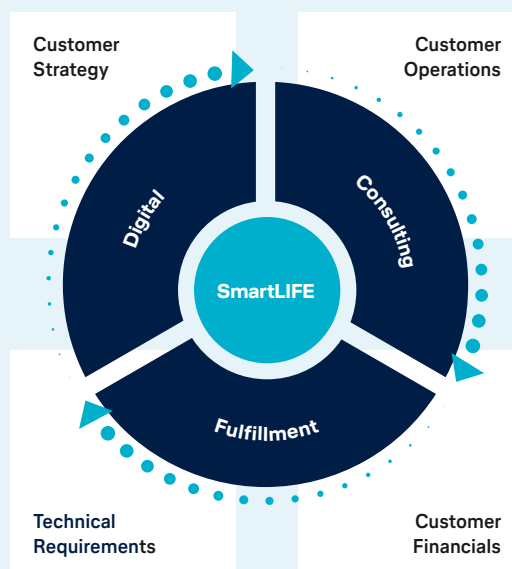
20–30% cost per flight hour reduction

Maximized asset utilization and green-time usage

Increased predictability and transparency for the right decision making

Turnkey provider with decades of MRO experience and the mindset of an airline

## Lufthansa Technik's SmartLIFE solutions



SmartLIFE starts with your needs as an operator. Depending on your individual situation, we design the best MRO concept by combining decades of engineering experience, state of the art digital services and a worldwide MRO network.



**Lufthansa Technik**

**Fueled with long-standing MRO experience and strong airline know-how, SmartLIFE offers an extensive catalogue of services for effective engine fleet management.**



Our engineering consultants create your optimal engine MRO concept based on: Fleet Management and optimization, asset evaluation, engineering, technical services, warranty and insurance support.



Our digital solutions enable data-driven fleet management by monitoring your engine performance in real-time (Engine Health Management) and avoiding off-wing repairs through early detection of faults (Engine Fleet Management tool).



As one of the world's leading MRO providers, we fulfill the MRO concept with state-of-the-art technology and services in our engine shops, at any location with our Mobile Engine Services (incl. Cycleclean® Engine Wash), or through our Material solutions and Engine Lease Services.

#### Contact

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## What you get

Always up-to-date removal plans and scenarios

Individual engine workscoping, tailored to your fleet strategy and lessor requirements

Green-time evaluation

Optimized management and sourcing strategies for LLPs and used serviceable material

Phase-Out plan optimizations

Shop visit guidance and maintenance reserve optimization for leased engines

Overview of spare demand and availability

## A modular solution you can build on

SmartLIFE's approach of integrating fulfillment, consulting and digital services into one service enables you to achieve high savings on MRO costs while maintaining full operational flexibility. Of course, you can select the components of SmartLIFE individually, depending on your own capabilities and existing MRO contracts.

## Why Lufthansa Technik?

60 years of MRO experience and  
33.000 engine and APU overhauls

11 engine service facilities around the world

Support of all major engine types,  
including CFM56, V2500, CF6, LEAP

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