

Life extension services

prolonging service life

Sooner or later the aviation, transport, defence and energy industries all encounter the same problem: How to ensure operational maintenance of systems initially set up for a fixed duration, but for which new economic constraints require their operation to be pro-

longed considerably? Once obsolete, their components are difficult or even impossible to renew. To respond to this new market demand, EADS TEST & SERVICES has teamed up with French company ACTIA in the PERENEO consortium, set up in June 2004.



Comprehensive optimised solutions

PERENEO is the ideal partner for operators and OEMs seeking to ensure the sustainability of installations and complex systems that require guaranteed levels of quality and security during entire service lifetimes that can exceed 25 years.

By combining ACTIA's expertise in obsolescence tracking and management with EADS TEST & SERVICES' skills in electronic repair and validation, PERENEO offers comprehensive solutions for:

- detecting and preventing risks of obsolescence
- handling proven cases of obsolescence
- reconstituting spares
- failures diagnostic
- repairs
- validating and re-qualifying obsolescence (non-regression) after repair or modification
- maintaining skills.

Beyond the basic service offer, PERENEO is able to contract based on availability or service life. Undertaking work on a fixed fee basis, PERENEO shares the customer's risk in ensuring the durability of their installations.

Methods and resources

In partnership with its customers, PERENEO offers a process to maximise through-life-support. A preliminary analysis is carried out to enable the real needs to be

sized and evaluated:

- examination of the installations concerned
- service lifetime constraints
- existing documentary library
- existing support facilities
- remaining expertise of installations.

From this analysis, PERENEO will then be in a position to set up a comprehensive and appropriate solution with the customer for :

- maintenance and repair
- purchasing and storage of strategic elements and components
- replacement of components or functions
- implementation of diagnostic and validation resources.

Quality and savings in repair costs

The use of EADS TEST & SERVICES test benches - including electronic board test capability - allows the quality of the repair and validation to be guaranteed while reducing costs.

To offer locally based service, repair agencies are being set up close to customers.

COGEMA, CNES (European Space Agency), Dassault Aviation, and EDF have already chosen EADS TEST & SERVICES' life extension services.

PERENEO

PERENEO is a consortium set up by EADS TEST & SERVICES with ACTIA, a high tech company specialising in automotive equipment and component obsolescence solutions.



Fields of activity:

- Weapon systems
- Aviation and transport systems
- Conventional and nuclear power station management and control/command.

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