Agenda

1. What are the challenges?
2. How to meet these challenges?
3. What is MRO SmartDocs?
4. Vision and solution outlook
Challenge: Validation

- Requirements for a digital solution:
  - Automated and seamless validation
  - Persistence of documents

References impossible to validate

Expert knowledge required

30 year old documents
Impossible manual work load

Current digital and physical content do not match

Only a fraction of interest

Challenge: Efficiency

• Requirements for a digital solution:
  • Automated full digitalization
  • Automated assignment
Challenge: Fraud

- Requirements for a digital solution:
  - Tamper-proof storage

Paper is patient

Checks mostly at incident

Extreme earnings with fraud

Fraud
Back-to-birth parts mostly bought from OEM

Procurement invents new requirements

Different regulations in different countries

Challenge: Market

- Requirements for a digital solution:
  - User friendly
  - Intuitive visual presentation
  - Adaptable to local/regional regulations
Requirements

- Automated and seamless validation
- Persistence of documents
- Automated full digitalization
- Automated assignment
- Tamper-proof storage
- User friendly
- Intuitive visual presentation
- Adaptable to local/regional regulations
- Low cost
- Logistics
- Confidentiality
How do we meet these requirements?

**Business**
- Automated and seamless validation
- User friendly
- Intuitive visual presentation
- Adaptable to local/regional regulations

**IT**
- Automated full digitization
  - OCR is simply not enough
- Persistence of documents
- Automated assignment
- Tamper-proof storage
SmartDocs Development

- Backend Development
- Digitization Tests
- First Frontend Development
- Legal Validation Rules
- Large Scale Digitization Tests
- Issuing new Certificates
- Digital Identity Management
- Part Life Cycle Views
- Data science

Data Protection
Kick-Off Laws
01/2021

Today
Vision: Example A/C lease back

TODAY

VISION

month

days
IATA MRO SmartHub Auction News
AMETEK & EFW parts auctions
05 Oct 2022 - 12 Oct 2022

Register and bid for free: www.mrosmarthub.iata.org/registration

Visit the campaign page: www.iata.org/mro-smarthub

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