



eCert Electronic Part Certification

Chapter 16

1. Applicant/Contractor/Manufacturer/Company		AUTHORISED RELEASE CERTIFICATE EASA FORM 1				2. Form Number
3. Applicant's Name and Address P.O. Box 1234		4. Part Description Pump P123456789				5. Work Order/Contract Number 0000123456
6. Date	7. Description	8. Part No.	9. Quantity	10. Serial/Block No.	11. Status/Track	
12. Remarks REF: 0000		13. Signature ---				14. Date (dd/mm/yyyy)
15. Certificate that the items have been manufactured to:		16. The Part 141/145 Release to Service / Other regulation specified in block 17				
17. Submitter Signature		18. Approved Authority Signature		19. Approved Part No.		
20. Date (dd/mm/yyyy)		21. Date (dd/mm/yyyy)		22. See (EASA Form 1)		

The Market

The ATA SPEC2000 XML standard provides benefits such as higher data reliability, security, authenticity, standardization and cost reduction for vendors and customers.

The goal is elimination of non-approved spares, to assure traceability using proven industry standards, protocols and secure communication channels.

Background

Authorized Release Certificates are currently used by industry to certify airworthiness of new and repair parts. This is currently done using paper documentation standards.

Advantages

The electronic part certification will allow the regulatory documentation to be transmitted electronically implementing the ATA Chapter 16 XML standard.

Supports the most widely used regulatory standards in the industry today such as CASA Form 917, EASA Form 1, FAA 8130-3, TCCA 24-0078, Certificate of Conformance (CoC) and transfer documents.

Eradication of the current paper trail providing substantial handling, printing, storage and archiving costs savings.

Our eCert solution with the integrated monitoring tool provides a transparent SPEC2000 XML solution to your backend ERP system for better maintainability and control.

Validation of all inbound and outbound messages.

eCert is an innovative solution towards paperless business solutions for processing part certification forms.

Our solution is fully integrated into the SAP ERP SD/MM environment and provides SPEC2000 XML standards to meet your business needs.

Customizable configuration of inbound and outbound documents attachment to sales orders, deliveries, shipments and/or purchase orders in SAP.

SAP Generic Object Services (GOS) used to store the XML documents and their HTML user-friendly representation.

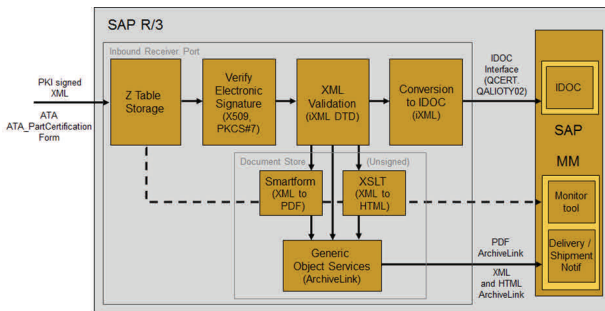
Optional PDF printing facility available to print outbound regulatory documentation.

Supports the X509 and PKCS#7 public/private key digital signature standards to guarantee document authenticity. This in conjunction with DSA and RSA algorithms all in accordance with ATA Spec 42 standards.

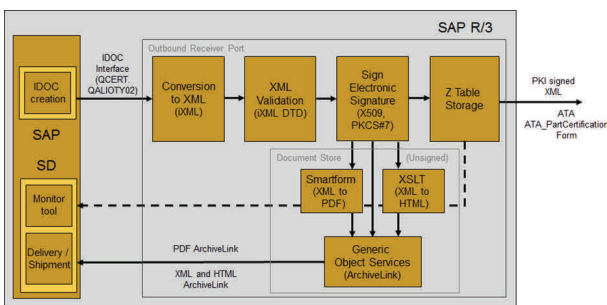
Product Architecture

The eCert solution is designed to plug straight into your SAP ERP backend not requiring any additional third party products. User exists available to provide customization for incoming and outgoing documents to your business processes.

Inbound Process



Outbound Process



Monitoring Tool

Included is an integrated monitoring application tool providing a complete overview and history of all documents created and received.

Detailed Description

Using the latest SAP and EDI standards you can now easily implement B2B Industry Standards.

Our new eCert Package runs natively in SAP and supports XML, digital security authentication and PDF documentation standards.

Supports ATA SPEC2000

- Chapter 16 (Electronic Product and Part Regulatory Documentation)
- Spec 42 (Aviation Industry Standards for Digital Information Security)

The entire package can be set up and customized to your needs allowing SPEC2000 part certification to seamlessly integrate into your ERP environment.

With the eCert monitoring tool you can maintain and control your processes for handling authorized release certificates in a paperless environment. Implementing SAP native links to the ERP document management and archiving system.

Our Benefits

Take advantage of our long term proven experience and expertise in the Aerospace Industry. Benefit through project implementation covering the entire business lifecycle.

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