

TRADITIONAL TO DIGITAL

The Process of Transitioning to S1000D in Technical Documentation

R&D AND ENGINEERING DEPUTY GENERAL DIRECTORATE

INTEGRATED LOGISTICS SUPPORT DIRECTORATE

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Agenda



- Introduction
- Traditional Technical Documentation Preparation Process
- S1000D Contract Requirements
- S1000D Software Selection Requirements
- S1000D Training Process
- Business Rules Preparation Process
- Preparing LCLS Data Compliant with S1000D
- System-Level Verification of the LCLS Data
- Delivery Data Package to the End User
- Q&A

Introduction



ATA e-BUSINESS FORUM

- Middle East Technical University, Computer Education and Instructional Technology
- 10+ years of experience in the Defense Industry
- Using multimedia design programs and technical knowledge to produce technical publication in accordance with the S1000D specification for Defense Industry projects
- Ensuring efficiency and timeliness by integrating technical documentation and training activities with technology



Erdoğan TOKLU

LCLS Data Management
Team Leader



ALTUG



ALTAY



FIRTINA



LEOPARD 2T

Traditional Technical Documentation Preparation Process



S1000D Contract Requirement



- Preparation of technical documentation in accordance with at least version 4.1 of the S1000D specification
- Submission of IETM (Interactive Electronic Technical Manual) Type 2 and Class 4 levels

S1000D Software Selection Requirements



- ✓ On-Prem Operation
- ✓ CSDB Available
- ✓ Supports S1000D Current Versions 4.1 and 4.1+
- ✓ IETM Type II, Class 4 Output Support
- ✓ Unlimited Technical Publication PDF Creation
- ✓ User-Friendly Editor and Instant PDF & XML Viewing
- ✓ Access the Application from a Browser
- ✓ Business Rules Defining/Managing and Control
- ✓ Export/Import Support
- ✓ Review Support
- ✓ Help Desk Support
- ✓ Training Support

S1000D Training Process



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Theoretical Basic Training

S-Series Awareness Training

S1000D Basic Training



Practical Training

SNS Creation

VM Creation

S1000D Information Codes and Schema Types

Conversion of Sample Book to S1000D



Advanced Training

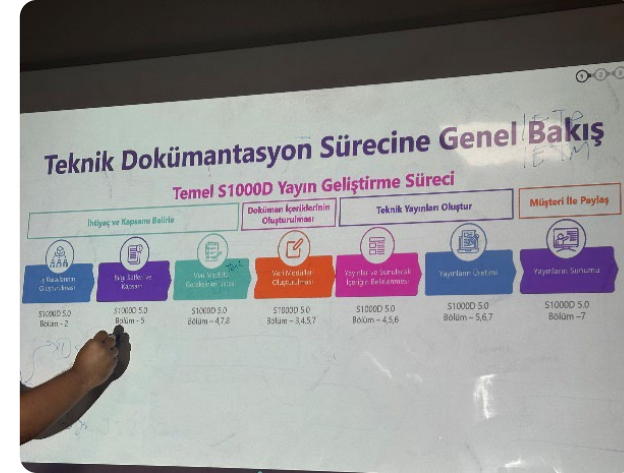
CSDB Management

Technical Publication Management

Inter-VM Compatibility

Business Rules Compliance

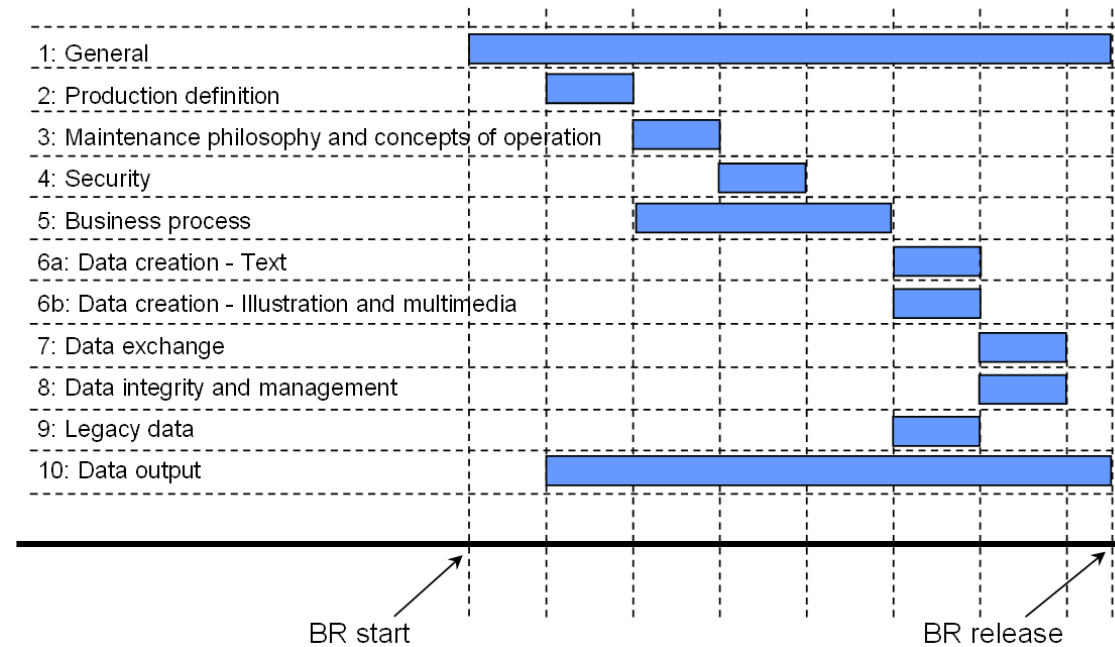
Process Management



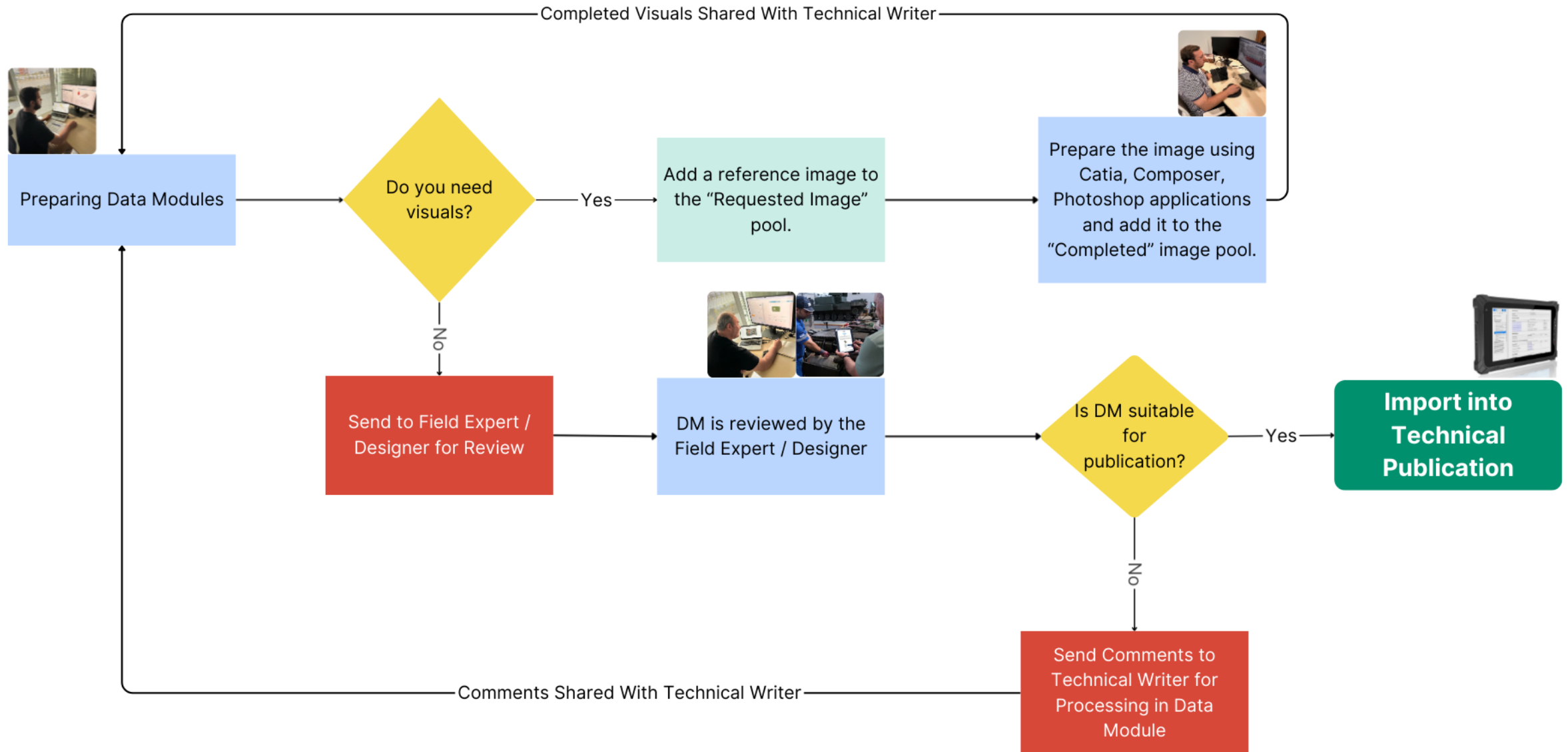
Business Rules Preparation Process



Version 4.1 2012	Version 4.2 2016	Version 5.0 2019
592	456	455
Business Rules Decision Points	Business Rule Decision Points	Business Rule Decision Points



Preparation LCLS Data Compliant with S1000D

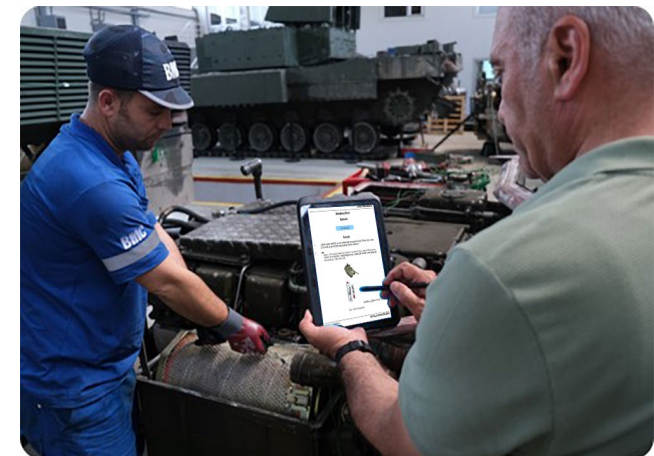


System-Level Verification of the LCLS Data



LCLS Team Office

ILS
Workshop



Delivery Data Package to the End User



S3000L **S2000M**

S1000D

Single Platform (COTS)



(IETM)



(IETM+XML)

BMC Software

Delivery Data Package to the End User



ATA e-BUSINESS FORUM

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GENEL

✓ BİRİNCİ BÖLÜM (GÜÇ GRUBU)

✓ BİRİNCİ KISIM (GENEL)

Güç Grubu Bölmesi - Test and inspection

Power pack - General - Pre-operation

Güç Grubu - Test and inspection

Power pack - Güç Grubunun Yerde Çalıştırarak Kontrolü Öncesi Hazırlıklar - Test preparation

Powerpack-Güç Grubunun Araçtan İndirilmesi - Scheme Procedures

Powerpack-Güç Grubunun Aracı Eleştirilmesi - Install procedure

Güç Grubu Kaldırma Sapanı - Remove support equipment/Remove from support equipment

Güç Grubu Kaldırma Sapanı - Install support equipment/Install on support equipment

➤ İKİNCİ KISIM (MOTOR)

➤ İKİNCİ BÖLÜM (YAĞLAMA DONANIMI)

➤ ÜÇÜNCÜ BÖLÜM (YAKIT DONANIMI)

➤ DÖRDÜNCÜ BÖLÜM (HAVA DONANIMI)

➤ BEŞİNCİ BÖLÜM (EGDÖZ DONANIMI)

➤ ALTINCI BÖLÜM (SOĞUTMA DONANIMI)

➤ YEDİNCİ BÖLÜM (ELEKTRİK DONANIMI)

➤ SEKİZİNCİ BÖLÜM (TRANSMİSYON)

➤ DOKUZUNCU BÖLÜM (HIZ AZALTICI)

Gerekli Koşullar

Tablo 1 Gerekli Koşullar

İşlem/Koşul	Veri Modülü/Teknik Yayımlar
On gereksinim yoktur.	

Gerekli Teknik Bilgi

Tablo 2 Gerekli Teknik Bilgi

Doküman No.	Başlık	Kategori
LEO.AAA.GA1.32.0000.00AAA.7206.A	Surgulu Kovanlar (Sağ-Sol) - Install procedure	Data module (DM)
LEO.AAA.GA1.18.0002.00AAA.5206.A	Motor Yağ Filtresi - Remove procedure	Data module (DM)
LEO.AAA.GA1.18.0002.00AAA.7206.A	Motor Yağ Filtresi - Install procedure	Data module (DM)
LEO.AAA.GA1.20.0000.00AAA.2226.A	Transmisyon Yağı - Drain oil	Data module (DM)
LEO.AAA.GA5.25.0002.00AAA.5206.A	Egzoz Çıkış Emniyet Yatağı - Remove procedure	Data module (DM)
LEO.AAA.GA5.25.0002.00AAA.7206.A	Egzoz Çıkış Emniyet Yatağı - Install procedure	Data module (DM)

Destek Ekipmanı

Tablo 3 Destek Ekipmanı

İsim/Alternatif İsim	Tanımlama/Referans	Miktar	Açıklama
On gereksinim yoktur.			

Sarf Malzemeleri ve Tek Kullanımlık Malzemeler

Tablo 4 Sarf Malzemeleri ve Tek Kullanımlık Malzemeler

İsim/Alternatif İsim	Tanımlama/Referans	Miktar	Açıklama
O.236 SAE 15W40 Motor yağı	NSN 9150-12-1510237 Parça No: D2473.1/L19150-0063-20 L	20	
LUBRICATING OIL,ENGINE SWO	NSN 9150-01-3203796 Parça No: 58536.1A-A-52039	20	
KATI YIPRANMA ÖNLEYİCİ	NSN 8030-12-3302402 Parça No: C2572.1SY7966-400G	1	

Yedek Parçalar

Tablo 5 Yedek Parçalar

İsim/Alternatif İsim	Tanımlama/Referans	Miktar	Açıklama
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Thank You

Q&A

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