



**esoc**

European Space Operations Centre  
Robert-Bosch-Strasse 5  
D-64293 Darmstadt  
Germany  
T +49 (0)6151 900  
F +49 (0)6151 90495  
[www.esa.int](http://www.esa.int)

# **DELIVERY NOTICE / RELEASE NOTICE / TRANSFER NOTICE**

## **Cross Support Transfer Service API - Software Release Note**

**Prepared by**

**CSTS Team**

**Reference**

**Telespazio VEGA Deutschland GmbH**

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# APPROVAL

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# CHANGE LOG

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Initial Delivery	1	0	17/05/2019
Version 2.0	2	0	



**Table of contents:**

**1 INTRODUCTION ..... 4**  
1.1 Purpose and Scope.....4  
1.2 Document Overview .....4  
**2 APPLICABLE AND REFERENCE DOCUMENTS ..... 5**  
2.1 Applicable Documents.....5  
2.2 Reference Documents.....5  
**3 SOFTWARE RELEASE DESCRIPTION ..... 6**  
3.1 List of Delivered Media .....6  
3.2 Software Changes .....6  
**4 IMPORT, USAGE AND CONFIGURATION INSTRUCTIONS ..... 7**  
**5 SOFTWARE DESIGN DOCUMENT ..... 8**  
**6 TEST PLAN AND REPORT ..... 9**  
6.1 JUnit Tests .....9  
**7 COPYRIGHT NOTES ..... 10**

**Table of figures:**

**NO TABLE OF FIGURES ENTRIES FOUND.**

**Table of tables:**

**NO TABLE OF FIGURES ENTRIES FOUND.**



## **1 INTRODUCTION**

### **1.1 Purpose and Scope**

This document contains a description of the CSTS API release 2.0. The scope of this document is limited to the CSTS API and does not include the self-standing software products used and delivered with the CSTS API.

### **1.2 Document Overview**

The Software Release Note is structured as follows:

- Section 2 lists applicable and referenced documents
- Section 3 describes the CSTS API software release
- Section 4 describes on how to import, use and configure the CSTS API
- Section 5 documents the design of the CSTS API
- Section 6 documents the test plan and report of the CSTS API
- Section 7 includes the copyright statements for the ESA software

## **2 APPLICABLE AND REFERENCE DOCUMENTS**

### **2.1 Applicable Documents**

<b>Ref.</b>	<b>Document Title</b>	<b>Issue and Revision, Date</b>
[AD-1]	Cross Support Transfer Service – Specification Framework (CCSDS 921.1-B-1)	Issue 1, April 2017

### **2.2 Reference Documents**

<b>Ref.</b>	<b>Document Title</b>	<b>Issue and Revision, Date</b>
[RD-1]	Cross Support Transfer Service – Developer's Guide	1.1, 17/05/2019
[RD-2]	Cross Support Transfer Service – Configuration Files	1.0, 01/04/2019



### 3 SOFTWARE RELEASE DESCRIPTION

#### 3.1 List of Delivered Media

This release of the CSTS Framework API is available on the GitLab repository at <https://gitlab.esa.int/ccsds-protocols/CSTSAPI>.

#### 3.2 Software Changes

##### Version 1.0

Version	Date	Description
1.0	17.05.2019	Initial Delivery

##### Version 1.0.1

Version	Date	Description
1.0.1	08.11.2021	Minor changes on public interfaces and bug fixing

##### Version 2.0.0

Version	Date	Description
2.0.0	01.02.2022	Support of Cross Support Transfer Service Specification Framework B-2



## **4 IMPORT, USAGE AND CONFIGURATION INSTRUCTIONS**

For information on how to import, use and configure the CSTS API, please refer to section 3.1 in [RD-1] and [RD-2].



## **5 SOFTWARE DESIGN DOCUMENT**

For information on the design of the CSTS API, please refer to section 4 in [RD-1].





## **6 TEST PLAN AND REPORT**

### **6.1 JUnit Tests**

The CSTS API JUnit tests, in which every procedure is tested individually, were passed successfully.

## 7 COPYRIGHT NOTES

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<https://github.com/antlr/antlr4/blob/master/LICENSE.txt>

This software includes code from the ASN1bean (formely known as jASN1) project:

<https://www.openmuc.org/de/asn1/>

<https://www.beanit.com/asn1/>

Up to and including version 1.10, jASN1 was released under the Mozilla Public License (MPL), v2.0.

Starting with version 1.11, ASN1bean is released under the Apache license, v2.0.

<https://github.com/beanit/asn1bean/blob/master/LICENSE.txt>