OPTIGA™ Trust Configurator

Version: 1.01.0052

About this document

Scope and purpose

This document specifies the Release Notes for OPTIGA™ Trust Configurator.

Intended audience

This document addresses the audience: customers, solution providers and system integrators.

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Revision History

Page	Subjects (major changes since last revision)
5	Release to Market of OPTIGA™ Trust Configurator v1.01.0052
8	Release to Market of OPTIGA™ Trust Configurator v1.00.0177

1 Product Version Overview

1.1 Release versions

Release Version	Build Date	Description
1.01.0052	2021-09-27	Release to Market of OPTIGA™ Trust Configurator
1.00.0177	2020-10-21	Release to Market of OPTIGA™ Trust Configurator

2 Release to Market v1.01.0052

2.1 Product Description

OPTIGA™ Trust Configurator enables customer to create configuration which can be used to personalize any OPTIGA™ Trust M and OPTIGA™ Trust Charge user data, metadata, keys and certificates objects for mass production.

2.2 Contents of Package

1. Package containing following Software and Documentation
    1.1. assets
        1.1.1. Application specific files (images, pdf fonts, and stylesheets).
    1.2. documents
        1.2.1. Optiga Trust Configurator Release Notes
        1.2.2. 3rdparty licenses information
    1.3. scripts
        1.3.1. Compiled code of application
    1.4. OPTIGA_Trust_Configurator.html
2. Open Source Software - subject to separate licensing terms as below
    2.1. Web Application Framework
        2.1.1. Angular 9.9.11.: https://angular.io/

2.3 Features

1. OPTIGA™ Trust Configurator tool helps to create a configuration in a step by step approach with the following pages
    a. **Start** - Create new configuration or import an existing configuration.
    b. **Contact** – Add the contact details
    c. **Package** - Chip marking, package and order submission configuration.
    d. **Keys and Certificates** – Asymmetric key pair with Intermediate and End entity certificate details.
    e. **User Data** – Configuration of data and key objects (option to upload files for user data and certificate objects)
    f. **Metadata** - Configuration of metadata for data and key objects
    g. **Additional Info** – To provide additional information required for production.

h. **View** – Consolidated view of filled configuration for review.

i. **Export** - Generation of configuration files which includes xml file, data files (*.dat) and configuration form pdf file (*.pdf).

2.4 Fixes

1. While importing or downloading the package, if the selected folder path including the file name exceeds the maximum supported path length by the operating system then it will result in failure and tool will give a specific error message.

2.5 Enhancements

1. Order submission (Qualified samples and Productive parts) configuration in Package page.
2. Country Code field under Intermediate CA and End Entity in Keys and Certificate page has been updated from text field to dropdown options with supported country code values.
3. Added subject key identifier extension field under Intermediate CA and End Entity in Keys and Certificate page.
4. Added collapsible design for extension fields in Keys and Certificate page.
5. Disabled the used length configuration for E0C9 OID in User Data Page.
6. Version metadata value made mandatory for protected update usecase and enabled auto configuration of version value (0000) for protected update usecase in Metadata page.
7. Extended tool to support OPTIGA™ Trust Charge product

2.6 Known Issues

1. Any user input text fields provided with more than 1500 characters, will results in data corruption for the respective input field in the generated pdf document.
2. If a user clears the value in a mandatory field in any page, navigation to subsequent pages is not enabled or allowed. It is observed that if the navigation action is performed immediately after clearing the value, the user is able to navigate to the next page.
    - Recommendation: Make sure next button is enabled for all the pages before downloading the package.

2.7 Limitations

1. While importing or downloading the package, if the selected folder path including the file name exceeds the maximum supported path length by the operating system will result in failure.
2. View page border might not be displayed in safari browser on mac os.
3. While downloading the package, Any unsupported file name or folder name characters in the package name (part of the package name is considered from comapny name) will be replaced by underscore ("_").
4. The alignment of input fields will vary if browser font size is changed from the recommended (medium) size.

5. The below special characters which are part of html tag syntax will be replaced in the output xml file with the corresponding html character code.

    - ‘” < ” replaced with “<”
    - “ > ” replaced with “>”
    - “&”replaced with “&”
6. Setting number of Produtive parts to zero using updown arrow is not full functional in Mozilla Firefox browser.

2.8 Environment

The test environment for OPTIGA™ Trust Configurator is listed in the below table:

Table 1

Browser	WIN 10	WIN 7	MAC IOS	LINUX - Version
MS Edge	Verified(93.0.961.52)			
Google Chrome	Verified(94.0.4606.61)	Verified(94.0.4606.61)	Verified(94.0.4606.61)	Verified(93.0.4577.82)
Firefox	Verified(92.0.1)	Verified(92.0.1)		
Opera	Verified (71.0.3770.271)			
Safari			Verified(14.1.2)	

Note:

1. In Internet explorer all the functionalities might not support as expected.
2. The tool behaviour depends upon the browser capabilities.

3 Release to Market v1.00.0177

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3.2 Contents of Package

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      1.2.1. Optiga Trust Configurator Release Notes

      1.2.2. 3rdpartylicenses information

   1.3. scripts

      1.3.1. Compiled code of application

   1.4. OPTIGA_Trust_Configurator.html

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3.3 Features

1. OPTIGA™ Trust Configurator tool helps to create a configuration in a step by step approach with the following pages

   a. **Start** - Create new configuration or import an existing configuration.

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   a. **Package** - Chip marking and package configuration.

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   d. **Metadata** - Configuration of metadata for data and key objects

   e. **Additional Info** – To provide additional information required for production.

   f. **View** – Consolidated view of filled configuration for review.

g. **Export** - Generation of configuration files which includes xml file, data files (*.dat) and configuration form pdf file (*.pdf).

3.4 Fixes

None

3.5 Enhancements

None

3.6 Known Issues

1. Any user input text fields provided with more than 1500 characters, will results in data corruption for the respective input field in the generated pdf document.
2. User will be able to navigate to subsequent page immediately after removal of data from mandatory field in any page.
    - Recommendation: Make sure next button is enabled for all the pages before downloading the package.

3.7 Limitations

1. While importing or downloading the package, the selected folder path including file name must not exceed maximum path length supported by the operating system.
2. View page border might not be displayed in safari browser on mac OS.
3. If customer company name contains any unsupported file or folder name characters, while downloading it will be replaced with underscore ("_").
4. The alignment of input fields will vary if browser font size is changed from the recommended (medium) size.
5. The below special characters which are part of html tag syntax will be replaced in the output xml file with the corresponding html character code.

    - ‘” < ” replaced with “<”
    - “ > ” replaced with “>”
    - “&”replaced with “&”

3.8 Environment

The test environment for OPTIGA™ Trust Configurator is listed in the below table:

Table 2

Browser	WIN 10	WIN 7	MAC IOS	LINUX - Version
MS Edge	Verified (86.0.622.38)			
Google Chrome	Verified(86.0.4240.75)	Verified(86.0.4240.75)	Verified on simulator (83)	
Firefox	Verified (81.0.1)	Verified(81.0.2)	Verified(81.0.1)	Verified(75.0)
Opera	Verified(71.0.3770.271)			
Safari			Verified(13.0.4)	

Note:

1. In Internet explorer all the functionalities might not support as expected.
2. The tool behaviour depends upon the browser capabilities.

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