

# Release Notes

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This document presents information about Classic Client 7.5 Linux for Uruguay. It describes what has changed since Classic Client 7.2 Linux for Uruguay.

## What's New?

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### OS Supported

- Ubuntu 20.04 LTS
- OpenSUSE Leap 15.4

### Smart Cards Supported

- MultiApp V5.x cards.

### New Features

- Supports PKCS#11 - Cryptographic Token Interface Standards V2.4.
- Supports latest version of ISO/IEC 7816-15 V2016 standard.
- Aligns with EU Global Data Protection Regulation (GDPR) expectations for collecting logs.

### Enhancements

- Initial PIN label added when PIN is uninitialized.

## What's Gone?

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For information about the old versions of applications that are no longer officially supported by Classic Client 7.5 Linux for Uruguay, refer to "Supported Operating Systems and Applications" on page 2.

## What's In?

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This section provides a full list of hardware, operating systems, peripherals and software that are supported by Thales for use with Classic Client 7.5 Linux for Luxembourg. It also lists the minimum system requirements to run Classic Client correctly.

## System Requirements

The workstation must have at least 45 MB of available hard disk space and meet the normal system requirements to run the version of Linux installed. Computers on which Classic Client is to be installed must have at least:

- 1 Gigahertz (GHz) processor or faster for 32-bit or 64-bit versions of Linux.
- 1 GB of RAM for 32-bit versions of Linux.
- 2 GB of RAM for 64-bit versions of Linux.

## Supported Operating Systems and Applications

The following table shows which OS, applications and readers are supported for each package. The versions in brackets are those that were used in validation

**Table 1 - Supported OS and Applications**

Linux OS Version	V2/V3	V4
Ubuntu 20.04 LTS	Yes	Yes
OpenSUSE Leap 15.4	Yes	Yes
Other Linux OS upon request	—	—
<b>Browsers</b>		
Mozilla Firefox 102	Yes	Yes
<b>E-Mail Applications</b>		
Mozilla Thunderbird 102	Yes	Yes
<b>Office Suites</b>		
LibreOffice 7.3.4	Yes	Yes

**Important:**

- Support for older versions of applications is removed as these versions were not tested; however, they are still compatible.

## Supported Readers

Reader Name	Reader Type
IDBridge CT30	Contact
IDBridge CL300	Contactless
IDBridge CL3000	Contactless

## No Longer Supported

- Adobe Reader in all Linux platforms for document signature.
- Adobe Acrobat Reader with the PKCS#11 security module uses SHA256 to hash data before signing. The SHA256 signatures are not supported by the Classic Applet V1.

## Supported Smart Cards

This section lists the cards supported by Classic Client 7.5 Linux for Uruguay and their Answer To Resets (ATRs) and mask numbers. These values are all in hexadecimal.

- MultiApp V2.1 (with IAS Classic Applet V3)
  - [MultiApp V2.1 Type 1]  
3B 7F 00 00 00 80 31 80 65 B0 00 00 00 00 12 0F FF 82 90 00
  - [MultiApp V2.1 Type 2]  
3B FF 00 00 00 81 31 00 43 80 31 80 65 B0 00 00 00 00 12 0F FF 82 90 00 00
- MultiApp V3.x (with IAS Classic Applet V4)
  - [MultiApp V3.x Type 1]  
3B 7F 00 00 00 80 31 80 65 B0 00 03 00 00 12 0F FF 82 90 00
  - [MultiApp V3.x Type 2]  
3B FF 00 00 00 81 31 00 43 80 31 80 65 B0 00 03 00 00 12 0F FF 82 90 00 00
  - [MultiApp V3.x Type A]  
3B 88 00 01 80 31 80 65 B0 00 03 00 00 12 0F FF 82 90 00
  - [MultiApp V3.x Type B]  
3B 88 00 01 E1 F3 5E 11 00 87 95 00 00
- MultiApp V4.x (with IAS Classic Applet V4.4.x/V5.x)
  - [MultiApp V4.x Type 1]  
3B 7F 00 00 00 80 31 80 65 B0 00 04 00 00 12 0F FF 82 90 00
  - [MultiApp V4.x Type 2]  
3B FF 00 00 00 81 31 00 43 80 31 80 65 B0 00 04 00 00 12 0F FF 82 90 00 00
  - [MultiApp V4.x Type A]  
3B 8F 80 01 80 31 80 65 B0 00 04 00 00 12 0F FF 82 90 00 00
  - [MultiApp V4.x Type B]
- MultiApp V5.x (with IAS Classic Applet V5.x)
  - [MultiApp V5.x Type 1]  
3B 7F 00 00 00 80 31 80 65 B0 00 05 00 00 12 0F FF 82 90 00
  - [MultiApp V5.x Type 2]  
3B FF 00 00 00 81 31 00 43 80 31 80 65 B0 00 05 00 00 12 0F FF 82 90 00 00
  - [MultiApp V5.x Type A]  
3B 8F 80 01 80 31 80 65 B0 00 05 00 00 12 0F FF 82 90 00 00
  - [MultiApp V5.x Type B]  
3B 88 80 01 E1 F3 5E 11 77 A1 97 00 15

## What's History?

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This section describes the corrected problems and enhancements in each previous version.

### Improvements in Classic Client 7.2 Linux for Uruguay

#### OS Supported

- OpenSUSE 13.2 (32-bit and 64-bit)
- OpenSUSE Leap 42.1 (64-bit)

#### Enhancements

- Fingerprint Authentication-New Biometric Secure Dialog box for fingerprint or User PIN authentication implemented in Classic Client. The User PIN authentication is available when all fingerprints are blocked.
- Support for not enforcing mutual authentication on contactless interface. Mutual authentication is performed if the card mandates it.
- Support for IAS Classic V3 applet based on MultiApp Essential 1.0.
- Support for IAS Classic V4.4 applet based on MultiApp 4.x.
  - PIN policy on applet.
  - Secure PIN entry using Soft PINPad on screen.
- The reader exclusion mechanism, which was implemented for the Registration Tool only, is now applicable widely in the middleware. This means that excluded smart card readers no longer appear where the Token (IAS V4 or V3) is applied to.

#### Corrected Problems

The following problems are corrected in this version:

- During PACE authentication, default focus is no longer on the Cancel button on the PACE password input window.
- Token now supports the removal and insertion of reader and card, without restarting of applications.

## Where's the Doc?

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This section describes the documentation in Classic Client 7.5 Linux for Uruguay and where to find it:

Document	Location	Description
Classic Client User Guide (Linux)	■ Classic Client installation folder (/usr/share/doc/libclassicclient)	Describes installation and how to perform certain tasks
Release Notes (this document)	■ Classic Client installation folder (/usr/share/doc/libclassicclient)	Describes the new features, cards, readers, and applications supported, added since the previous release as well as known limitations.
EULA	■ Classic Client installation folder (/usr/share/doc/libclassicclient)	Describes the End User License Agreement - the terms and condition of use for Classic Client for Linux.