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# Latvian Government Provides Secure and Convenient Signing Services for its Citizens

## Challenge

New eIDAS regulations meant that SJSC Latvia State Radio and Television Centre (LVRTC) had to upgrade the national infrastructure that supports the Latvian national ID card program.

This opened up the opportunity to incorporate a more convenient method to provide modern mobile signing services for users. But online services for remote signature require critical infrastructure support within a demanding service level agreement (SLA).

## Solution

LVRTC rolled out a remote, mobile-based digital signing ecosystem that provides a secure document signing workflow between individuals, corporations, and public organizations.

## Results

LVRTC now provides a centralized and secure repository of citizen identities that can be leveraged for authentication in order to approve a document signature.

## Customer Profile

SJSC Latvia State Radio and Television Centre (LVRTC) offers a broad range of services to the citizens of Latvia, including TV and radio broadcasting, optical fiber lease, data center services, and cloud offerings such as electronic signature services.

## Objectives

- Provide secure and convenient signing services for the citizens of Latvia in compliance with eIDAS regulation (EU) 910/2014
- Promote the use of government and private sector electronic services, by providing strong authentication methods

## Technology

- Entrust Remote Signing Server with Mobile ID
- Entrust's Public Key Infrastructure (PKI), Online Certificate Status Protocol (OCSP), and Timestamping Authority (TSA) solutions



# Case Study: Latvijas Valsts radio un televīzijas centrs

## THE TRANSFORMATION

### Choosing Entrust

LVRTC chose Entrust because of our strong commitment to research, development, and innovation, as well as our deep experience participating in similar public and private initiatives across the globe.

### A team effort

The Entrust Professional Services Team partnered with EUSO Ltd. and Identity Solutions, a group of companies specializing in cybersecurity, to upgrade LVRTC to an eIDAS-compliant identity infrastructure. Together, we integrated our digital identity and digital signing platforms as well as our nShield hardware security modules (HSMs) into LVRTC's secure IT infrastructure using modern APIs.

### More than just compliance

With the new system in place, Latvian citizens can:

- Enroll for and install eParaksts mobile - the Latvian Mobile ID app - using their existing eID (the Latvian national smart card)
- Access governmental and private e-services from their mobile devices
- Sign and send documents from their mobile devices

LVRTC also offers an open API, enabling the rapid deployment of value-added services. This allows government and private sector service providers to easily integrate LVRTC's online signing services within their applications.

## MEASURES OF SUCCESS

### Secure and convenient signing services

LVRTC now provides and manages a centralized and secure repository of citizen identities that can be leveraged for authentication in order to approve a document signature.

This new system provides these benefits:

- Centralized management of signing keys for users and/or entities
- Additional security layers that incorporate two-factor authentication (2FA) capabilities that restrict access and control of the keys on smartphones or other applications
- Seamless integration into various applications that enable flexible signing services through mobile and web applications



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