

Digital Locker System (DigiLocker)

Government of India Initiative

Under Digital India Programme

Need of Digital Locker System

- ▶ Documents mostly prevalent in physical form, leading to huge administrative overhead
- ▶ Challenge to residents in submitting multiple physical copies of the documents
- ▶ Challenge of verifying the authenticity of the documents

To overcome these challenges, Govt. of India has released Beta version of Digital Locker System.

Objectives

- ▶ Enable **digital empowerment** of residents by providing them with Digital Locker on the cloud
- ▶ Enable e-Signing of **documents** and make them available electronically and **online**
- ▶ Minimize the **use of physical documents**
- ▶ Ensure **Authenticity** of the e-documents and thereby eliminating usage of fake documents
- ▶ **Secure access** to Govt. issued documents through a web portal and mobile application for residents
- ▶ **Reduce administrative overhead** of Govt. departments and agencies and make it easy for the residents to receive services
- ▶ **Anytime, anywhere access** to the documents by the resident
- ▶ **Open and interoperable standards** based architecture
- ▶ Architecture to support a **well-structured standard document format** to support easy sharing of documents across departments and agencies
- ▶ Ensure **privacy and authorized access** to residents' data.

Digital Locker System

Stakeholders

▶ Issuer

- Entity issuing e-documents to individuals in a standard format and making them electronically available e.g. CBSE, Registrar Office, Income Tax department, etc.

▶ Requester

- Entity requesting secure access to a particular e-document stored in the repository (e.g. University, Passport Office, Regional Transport Office, etc.)

▶ Resident

- An individual who uses the Digital Locker service based on Aadhaar and OTP (One Time Password) authentication.

Components

▶ Repository

- Collection of e-documents and exposing a standard API for secure real-time access.

▶ Access Gateway

- Online mechanism for requesters to access an e-document in a uniform way from various repositories in real-time

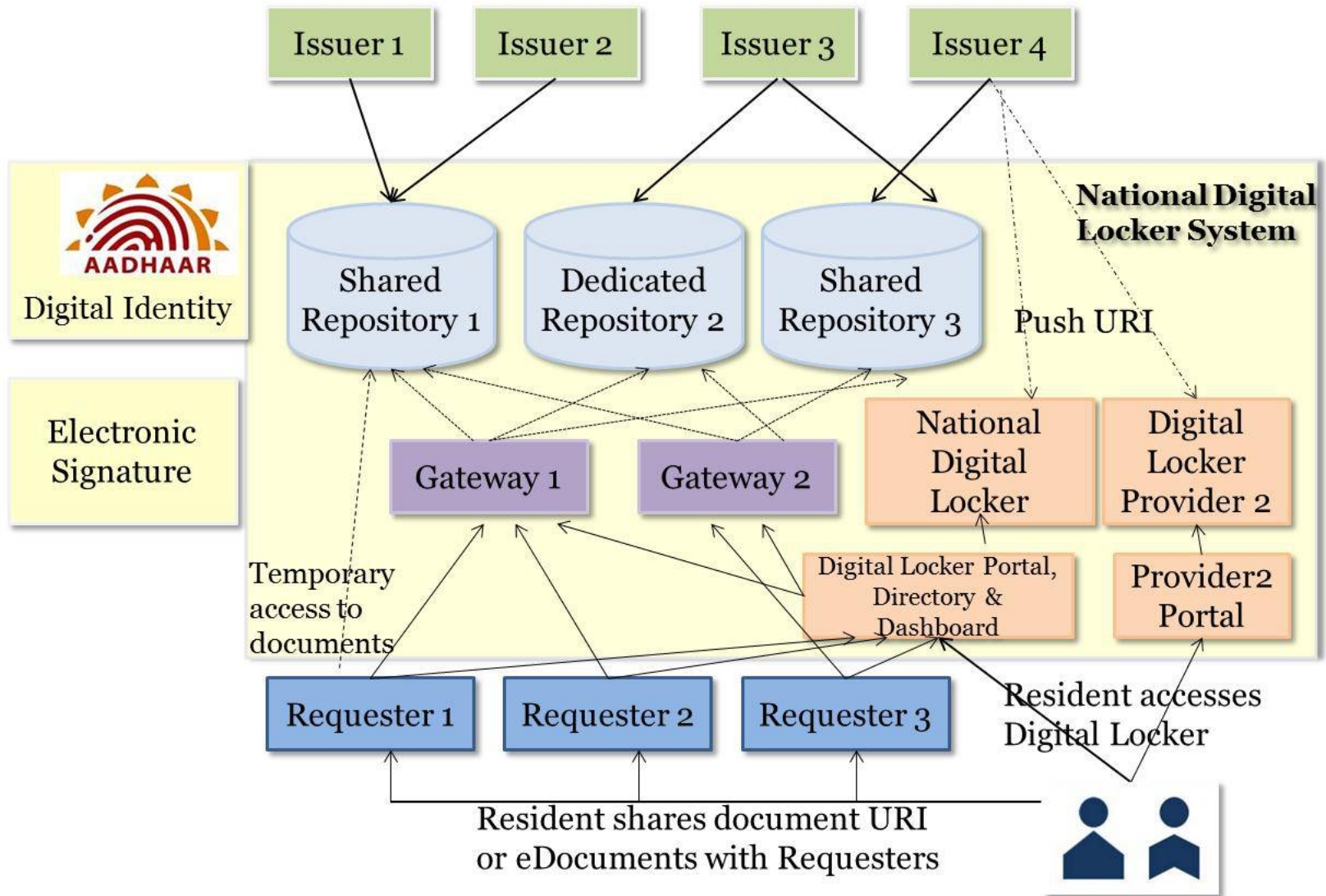
▶ Digital Locker

- Dedicated personal storage space, linked to each resident's Aadhaar
 - To securely store e-documents
 - To store URI link of e-documents
 - eSign online service to digitally sign documents

▶ Digital Locker Portal

- **Digital Locker directory** list of registered Issuers, repositories, gateways, policies, guidelines and forms
- **Dashboard** for providing real time transaction volumes of the e-documents accessed

DLTS Architecture



How to Use Digital Locker

For Residents

- ▶ Aadhaar number and Aadhaar linked mobile number required to sign up for Digital Locker
- ▶ To login one need to enter the Aadhaar number on the login field.
- ▶ A One Time Password (OTP) will be sent on UIDAI registered mobile number.
- ▶ Enter the OTP in the field and an e-Know Your Customer (e-KYC) will be done with UIDAI.
- ▶ Once e-KYC is successful, residents can view the URIs of e-Documents which have been uploaded into the Digital Locker by various issuers.
- ▶ Resident can also upload e-documents in their Digital Locker and eSign them.
- ▶ Residents can share private documents with requesters by sharing a link to the e-Document to the email address of the requester.

For Issuers

- ▶ An Issuer needs to register on Digital Locker System to get a unique Issuer ID.
- ▶ Once an ID is assigned, Issuer can upload the documents in a standard XML format in the designated repository using repository service provider API.
- ▶ Each document uploaded in the repository will have unique URI comprising of Issuer ID, Document Type and Document ID. The document URI will be pushed to the concerned resident's Digital Locker based on his/her Aadhaar number.

For Requesters

- ▶ A Requester needs to first register with an access gateway to onboard Digital Locker system.
- ▶ A Requester can use document URIs to securely retrieve the documents from the repository through an access gateway

Web Login (<http://digitallocker.gov.in>)

Beta version released on 10th February


The screenshot shows the web login interface for Digital Locker Beta. The browser address bar displays digitallocker.gov.in. The header includes the Government of India, Ministry of Communications & Information Technology, Department of Electronics & Information Technology, and the Digital Locker Beta logo. The main content area features a large blue banner with a 3D illustration of a hand placing documents into a metal filing cabinet. To the right, a dark blue login panel contains the following elements:


- Sign up/Login** header
- OTP** header
- Please Enter UID** section with an input field for the Aadhaar Number.
- Enter the Characters** section with a CAPTCHA image showing the text "6757A9D".
- A green **Sign up/Login** button.

Below the banner, there are two informational boxes:

- What is Digital Locker?**
Digital Locker is your online repository of important documents like certificates, degrees etc. which are frequently required
- How it is going to help me?**
Digital Locker will allow you to securely upload and share your documents anytime, anywhere to authorised users/agencies.

Personal Digital Locker space

GOVERNMENT OF INDIA



" Secure and Accessible Documents,
Anytime and Anywhere "

[My Certificates](#) [My Profile](#) [My Issuer](#) [My Requester](#) [Directories](#) [Logout](#)

Digital Documents

Sr. No.	URI	Certificate Name	Issued Date	Share
NIL				

Uploaded Documents

Sr. No.	Certificate Name	Uploaded Date	Status	Action	Details	Share
NIL						

Upload Documents

Select Document *

Select Document ▼

Upload Document *
(Max. Limit is 1MB)

Choose File

No file chosen
(only pdf/jpg/jpeg/png/bmp/gif)

Description *
(Max. 50 Characters)

Upload

10 MB Free of 10 MB

Status Update

Activities Underway

- DLTS and Digital Locker Implementation Strategy completed & Detailed DLTS specification document is under progress
- Beta version released on 10th Feb 2015
- e-Sign integration using OTP is completed and is available for test purpose . Implementation of e-Sign with respect to other authentication factors is under progress.
- Onboarding of issuer and requester departments

Way Forward

- National rollout of Digital Locker System
- Identification of Govt. agencies and Departments to be on boarded on Digital Locker System
- Setup of Apex committee, Core group, Digital Locker Management Office (DLMO) and Programme Management Unit as a part of governance structure
- Identification of implementation agency or agencies for architecture, implementation and operations of Digital Locker System
- Develop self-sustaining business

THANK YOU