UNITED STATES POSTAL SERVICE®

Digital Solutions

January, 2016

1. One of America's top trusted brands
2. Largest retail footprint in the country and top 60 digital property
3. USPS mail provides evidentiary protection by law, punishable by fines or imprisonment

USPS's unparalleled asset base provides the foundation for a broader digital and commercial engagement

Secure Digital Solutions
Mission

Secure Digital Solutions was formed to explore growth opportunities in the digital space and generate new streams of revenue that supplement USPS' core business

USPS Digital Services

By leveraging USPS' trusted brand and existing infrastructure, SDS will develop secure products and services that narrow the gaps between the physical and digital experience.

secured with ELECTRONIC POSTMARK®

USPS Connect

SDS works with top consulting firms, government stakeholders, and cybersecurity experts to examine business processes, consumer needs, and existing technology gaps within the digital environment to shape new products and services.

SDS seeks to identify where USPS' current market position and digital capabilities align

Secure Digital Solutions
Digital Platform

Focusing on digitally enabling existing USPS products and services along with reducing internal cost centers, the digital platform evolves into externally facing Products and Applications

	Description	Products, Services and Applications
Digital Identity Services	Authentication and identity management to help ensure the privacy and integrity of online services	• Identity Verification Services (IVS) -Remote Verification -In person verification -Credential Management • Connect.Gov
Digital Security Products	Secure high value transactions by protecting the integrity and security of electronic transmissions	• Electronic Postmark (ePM) • eSignature on File (eSOF)
Digital Applications	Digital applications that utilize the platform components to generate revenue opportunities	• MyUSPS.COM

Digital Identity Services

Digital Identity Services

Identity Verification Services (IVS)

- **Remote Verification:** Third party service integrated with USPS.com that uses knowledge based questions to verify identity online.
- **In person verification:** Technology solutions that enable in person verification of an individuals identity at USPS retail units or by Letter Carriers for the purpose of issuing a digital identity or offered as a service for a third party.
- **Credential Management** : Issuance and management of credentials (usernames/passwords, tokens or other authentication mechanisms) with increasing levels of trust to appropriately correspond with the online service or application being accessed.

CONNECT.GOV

FCCX/Connect.gov: Federal government online authentication and attribute broker solution that enables individuals to use previously issued credentials for access to agency applications.

Internal Digital Identity Services

Process for the issuance of a verified USPS digital identity

1.

Consumer accesses USPS.com to initiate a verified digital identity

2.

Consumer's identity can be verified online, visit a post office or at their home or residence by their letter carrier

3.

A USPS verified digital identity is issued with a higher level of assurance

Consumers can use their verified USPS.com credential for login to USPS services, government services and commercial sites. Increases USPS digital brand and revenue while also improving the privacy and security for users.

External Digital Identity Services

USPS can also provide in-person ID verification and biometric capture services to other government agencies or companies as a component service

1

Consumer registers with agency or commercial company. Agency or company needs in-person ID verification and/or biometric capture and sends user to USPS

2

User visits nearest Post Office or schedules appointment with Carrier. ID is verified against info provided by requesting party and at select sites biometrics are captured

3

Info is securely transferred to requesting party to complete transaction

USPS can be a national enabler of verified digital identities and convenient biometric capture partner

Digital Identity Services
Connect.Gov

Description Connect.Gov (formerly know as FCCX) is the service platform that enables individuals to use a set of common usernames and passwords to access online digital services across multiple federal agency websites

Objective

- Enable users to access online government services in a simple and secure manner using an approved digital credential they already have and trust

Value to USPS

- Helps USPS enter the Identity Services market
- Enables the use of USPS.com credentials for citizens to access Federal Agency websites

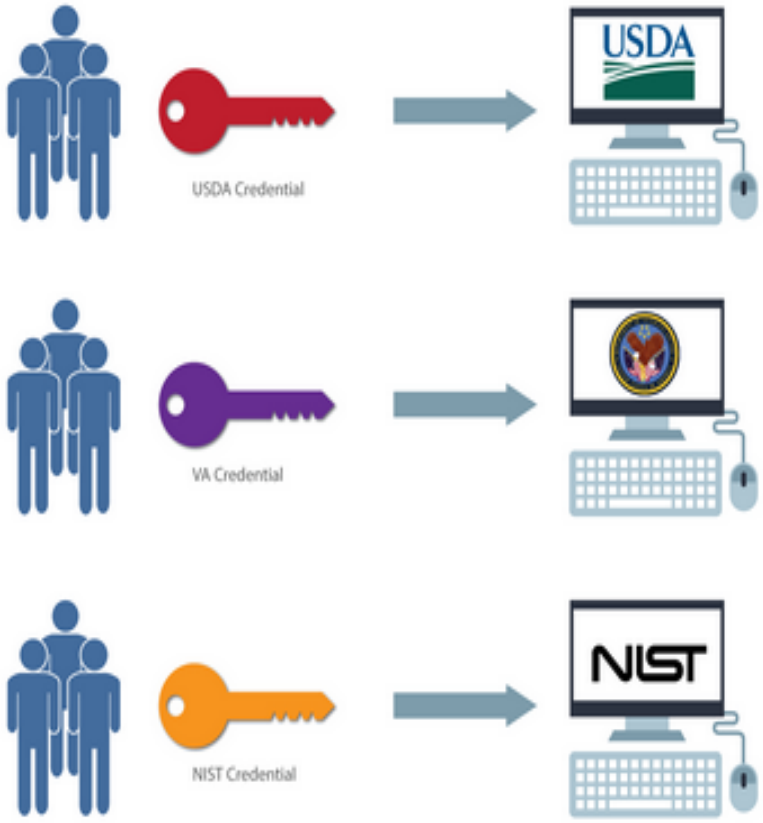
Use Cases

- Federated identity platform for USPS and external agencies (First users):
  - VA
  - DoS
  - NIST
  - HHS

Connect.Gov Solution Overview

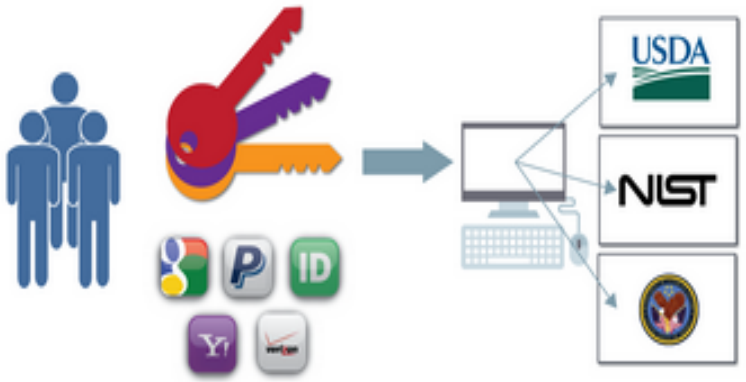
Before Connect.Gov

You can only use an agency-issued credential for access.



With Connect.Gov

You can use a single third-party credential to access multiple agencies.



*FICAM TFS Program approved providers.

Digital Security Products

Digital Security Products

Electronic Postmark (ePM): Digital signature technology offered as WebService that can be used for authentication of sender and receiver, secure message delivery and data veracity assurance.

eSignature and eCertified services: An ePM enabled web-based application for digitally signing forms and documents currently outside of the mail stream. Initial use cases are an "electronic" PS Form 3849 and an external pilot focusing on third party partners in the real estate sector.

Digital Security Products
Electronic Postmark (ePM)

Description A WebService that securely generates digital signatures that can be used for authentication of sender and receiver, secure message delivery and data veracity assurance.

Electronic Postmark (ePM)

Objective

- Enable consumers and businesses to send digital content while ensuring the authenticity of the information. Creating a trusted federal service for securing digital transactions

Value to USPS

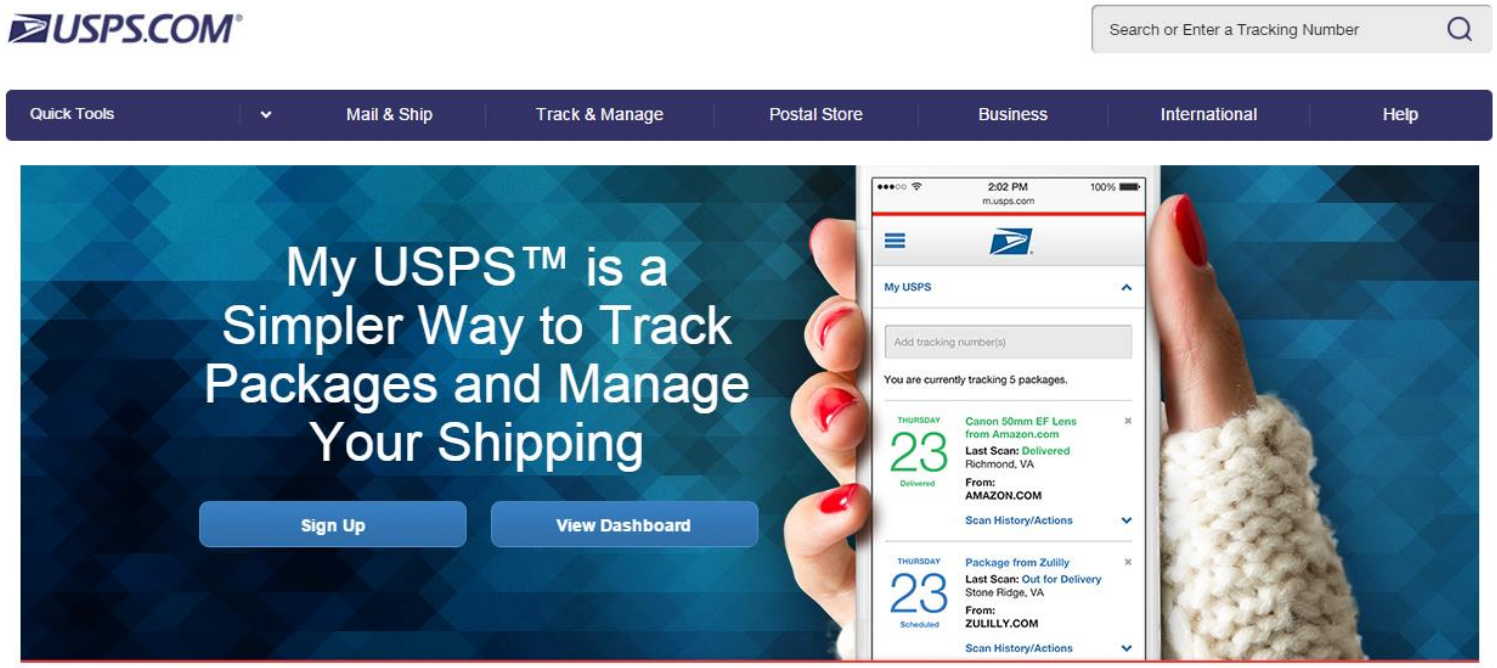
- Builds the brand of USPS in the digital transaction management space
- Confirms the authenticity of data
- Establishes a revenue generating product as well as a component for other USPS SDS service offerings

Use Cases

- USPS internal use cases
  - PS Form 3849
  - Contracting applications
  - Secure email
- Health Connect – Securely send encrypted health data between network of physicians
- Financial Services
- Mailers – Secure ePostage data transmission
- Real Estate transactions
- Government services

Digital Applications

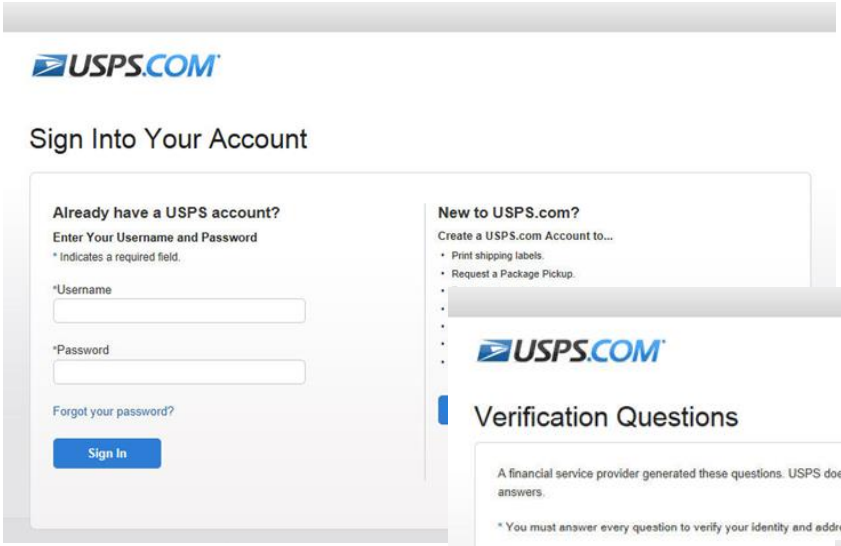
MyUSPS.COM
Screenshots

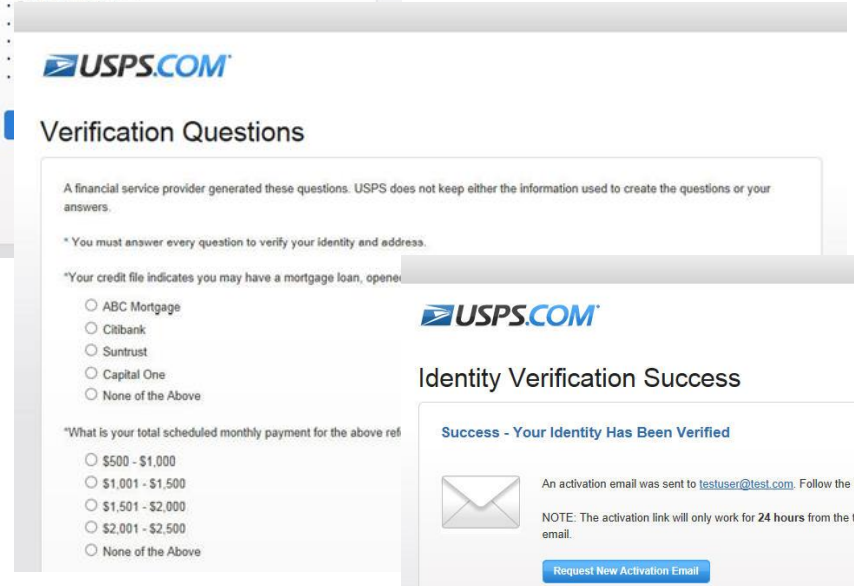


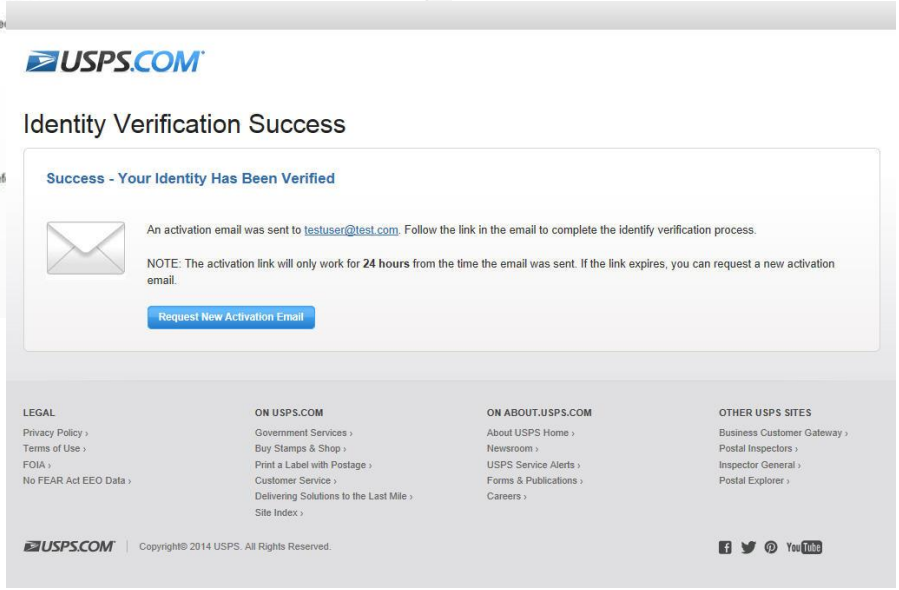
My USPS™ Terms & Conditions

Get started in 3 easy steps

MyUSPS.COM
Screenshots







Questions?