VPSign

What You See Is What You Sign

VPad™ Paperless Printer

The **VPad Paperless Printer** is an intuitive electronic document product that captures handwritten signatures. It is based on a full-sized LCD based tablet computer with an integrated electronic pen, enabling it to display multi-page documents in full size and capture handwritten signatures. The customer signs on the tablet in exactly the same way he would sign a piece of paper using an ink pen.

Documents for signing are delivered electronically to the **VPad** Paperless Printer, which is configured as a standard USB printing device connected to the customer service agent's station. The documents can be routed to the paperless printer from a central server or generated locally at the service agent's computer using any application that is able to print.

Once the consumer signs the document, the **VPad** Paperless Printer calculates a hash code for the document with the handwritten signature and seals it using PKI (Public Key Infrastructure) technology.

The sealed document is uploaded to the organizational network and routed to the central server in the network for archiving. The **VPad** Paperless Printer has the following key features:

- ▶ Compatible with Electronic Signature regulations
- ▶ Handles multi-page forms with multiple signatures generated from any local Windows application or from a central form generator
- ▶ Captures key behavior biometric signature information
- ▶ Signature Wizard for perfectly completed forms
- ▶ Public Key Infrastructure compatible
- ▶ High resolution full page sized color screen
- ▶ Displays customer-specific advertising messages
- ▶ Connects to a local station just like a USB printer

Digital Sealing

The **VPad** Paperless Printer handles a single multi-page form at a time. After the customer signs it using the electronic pen, a hash code is calculated for the document including the electronic handwritten modifications. This hash code is digitally sealed using a private key and the public key is attached to the sealed form, providing a tamper-evident package. Biometric handwriting information is encrypted as a separate layer of information with a public key and can be accessed for authentication purposes only by the owner of the private key.

Document Monitor

Customer service agents are able to view on their computer screens exactly which the customer sees on the **VPad** Paperless Printer and optionally assist the customer during the signing process.
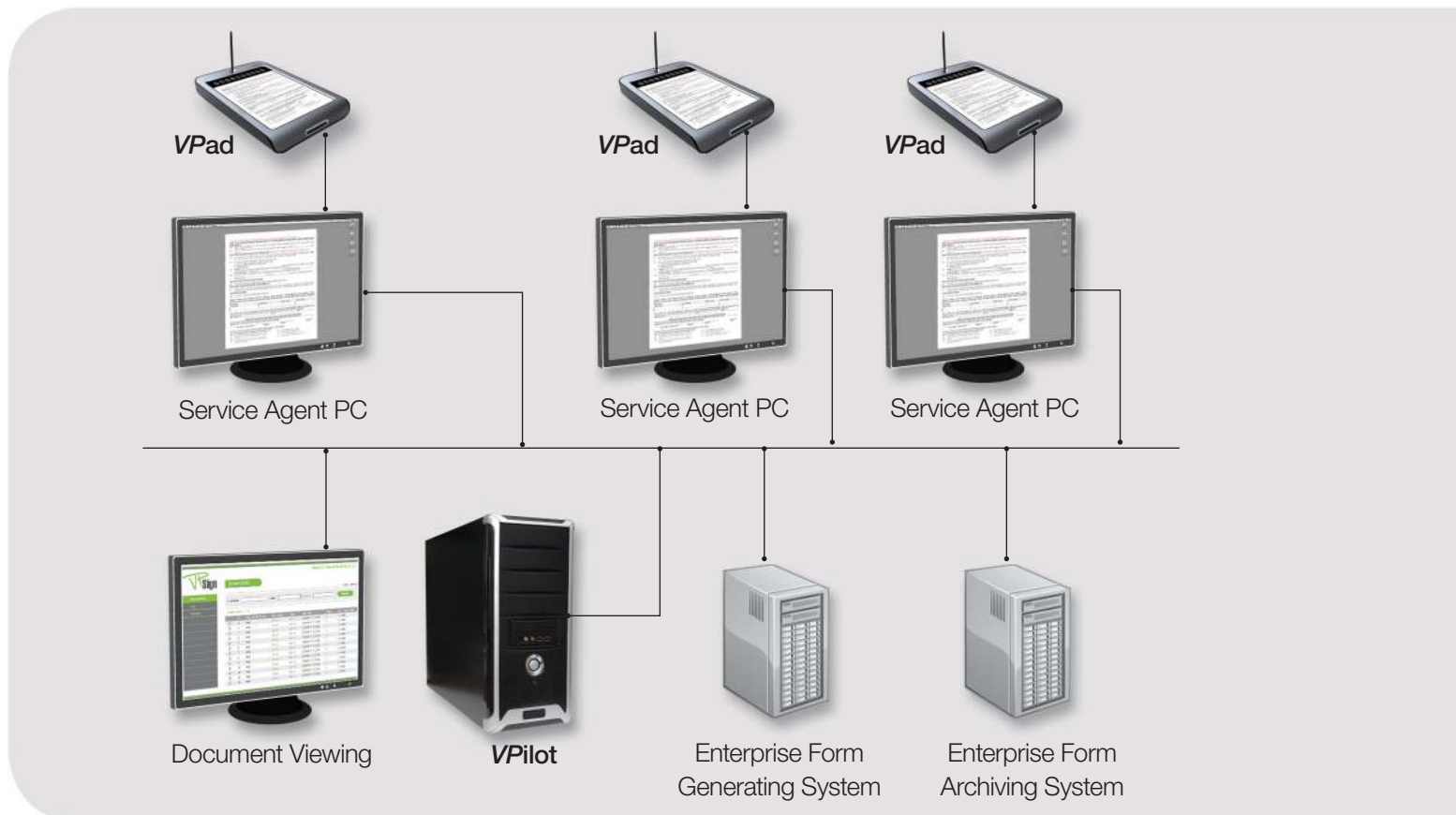

Digital Footprints

The computerized **VPad** Paperless Printer keeps a real-time record of which pages of a form were viewed by the customer, and what actions the consumer took while using the device. This solid foundation of digital evidence is stored as meta-data along with the signed and sealed document and can be retrieved at a later date should any compliance or repudiation issues arise.

*VP*ilot™ Server

The **VP**ilot server is a software server for managing, controlling and interfacing to the deployment of the **VP**ad Paperless Printers throughout the organization. The **VP**ilot Server is designed for easy customization when integrating with the organization's specific document generation, archiving and retrieval systems. The deployment topology is available for PC application scenarios, or thin client-server environments such as Citrix.

VPad   **VP**ad   **VP**ad

Service Agent PC   Service Agent PC   Service Agent PC

Document Viewing   **VP**ilot   Enterprise Form Generating System   Enterprise Form Archiving System

The **VP**ilot server is delivered as a software package that runs on standard hardware. The key functions of the **VP**ilot server are:

▶ Routing forms between the enterprise document generation and archiving system and the **VP**ad Paperless Printers

▶ Status monitoring and error logging of the **VP**ad Paperless Printers

▶ Configuration and software updates for the service agent's local interface software

▶ Routing advertising content to the **VP**ad Paperless Printers

▶ Viewing archived documents using any standard Web browser on the network

Contact Information
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