



VSC® ForeFront

Mobile Document Screening System
for Identity Authentication Anywhere

foster+freeman

The Ultimate Rugged, Mobile Document Screening and Authentication System

The VSC ForeFront is a standalone, field-ready document screening system that simplifies identity authentication in high-stakes environments including border control and mobile enforcement operations.

Performing high-level checks with minimal operator input, VSC ForeFront automates a triple-layer document inspection process that includes multispectral physical document checks, advanced e-Chip authentication, and biometric face-matching.

Increasing security whilst maintaining throughput, VSC ForeFront turns every frontline officer into an expert, providing instant, high-confidence decisions at the front desk, at the roadside, or any other location where document and identity authenticity might be challenged.

Fast, Effective Document Examination with VSC ForeFront

- **Automatic Document Screening**
VSC software compares the document against a global database, performing forensic-level checks to flag forgeries and evidence of tampering.
- **Simple Pass/Fail Results**
Examination results are displayed via a simple 'traffic-light' warning system.
- **Biometric Facial Identification**
Match the document to the holder using 3-way facial identification.



**RAPID PASS/FAIL RESULTS FOR
IDENTITY ASSURANCE ANYWHERE**



Visual Inspection

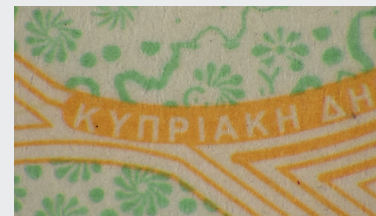
Automated Forensic Document Checks

Documents placed on the VSC ForeFront are captured in high-resolution under UV, Visible, and Infrared illumination.

Documents are interrogated by the system software via a series of forensic-level checks to confirm the documents validity.



B900 Infrared Ink Inspection



Visible Print Inspection



Security Feature Authentication



Digital Interrogation

Confidence in Document Integrity

Developed alongside leading experts, VSC ForeFront includes VSC STAC, a uniquely powerful forensic e-Chip datagroup extraction and interrogation toolset.

Providing the highest level of digital authentication, VSC STAC detects any attempt to clone or manipulate chip data.



INTERROGATE
RFID e-Chips



UNLOCK
Biometric Data Groups



CONFIRM
eChip Integrity



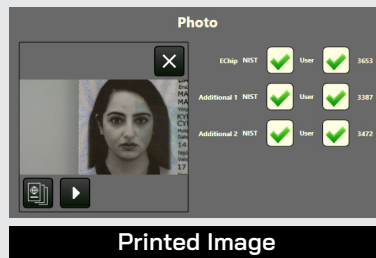
CROSS-CHECK
Validate Data



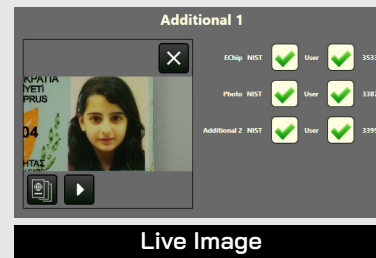
Biometric Certainty

Facial Identity Authentication

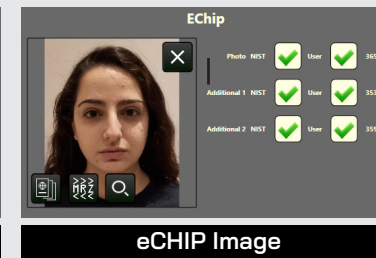
The final layer of document security, 3-way facial identification simultaneously compares the documents' printed portrait image with the image stored on the chip and a live photograph of the document holder (captured via webcam).



Printed Image



Live Image



eCHIP Image



Rugged Mobile Configuration

Housed within an impact resistant, watertight case, the VSC ForeFront is durable, deployable, and ready to relocate at a moment's notice.

Reliable Power Anywhere

Built for total continuity, the system runs on battery (~5 hrs), AC mains, or vehicle power to ensure high-level security checks can be performed in any location, on or off-grid.

Share Data and Alerts

Capture scanned document data to be shared across multiple locations*. Captured data can be opened and reviewed by any VSC user allowing seamless document examination between remote locations.



Lightweight and Rugged



Battery or Mains

IDENTITY AUTHENTICATION, ANYWHERE



REMOTE BORDERS

Perform high-level document checks in any location, capturing results to share across a secure network.



MOBILE / IN VEHICLE INSPECTION

Provides a rugged, mobile solution suitable for 'offline' examinations in a vehicle or on the move.



BIOMETRIC ENROLMENT

Supports additional modules including plug-and-play biometric capture devices.

* Requires appropriate network connection.



Rapid Scan Time



Automated Forensic Checks

VSC® ForeFront

DESKTOP

Front Desk Forensic Security

Upgrade frontline document security with forensic-level screening previously only available with specialist 2nd line inspection tools.

Expert Examinations by Anyone

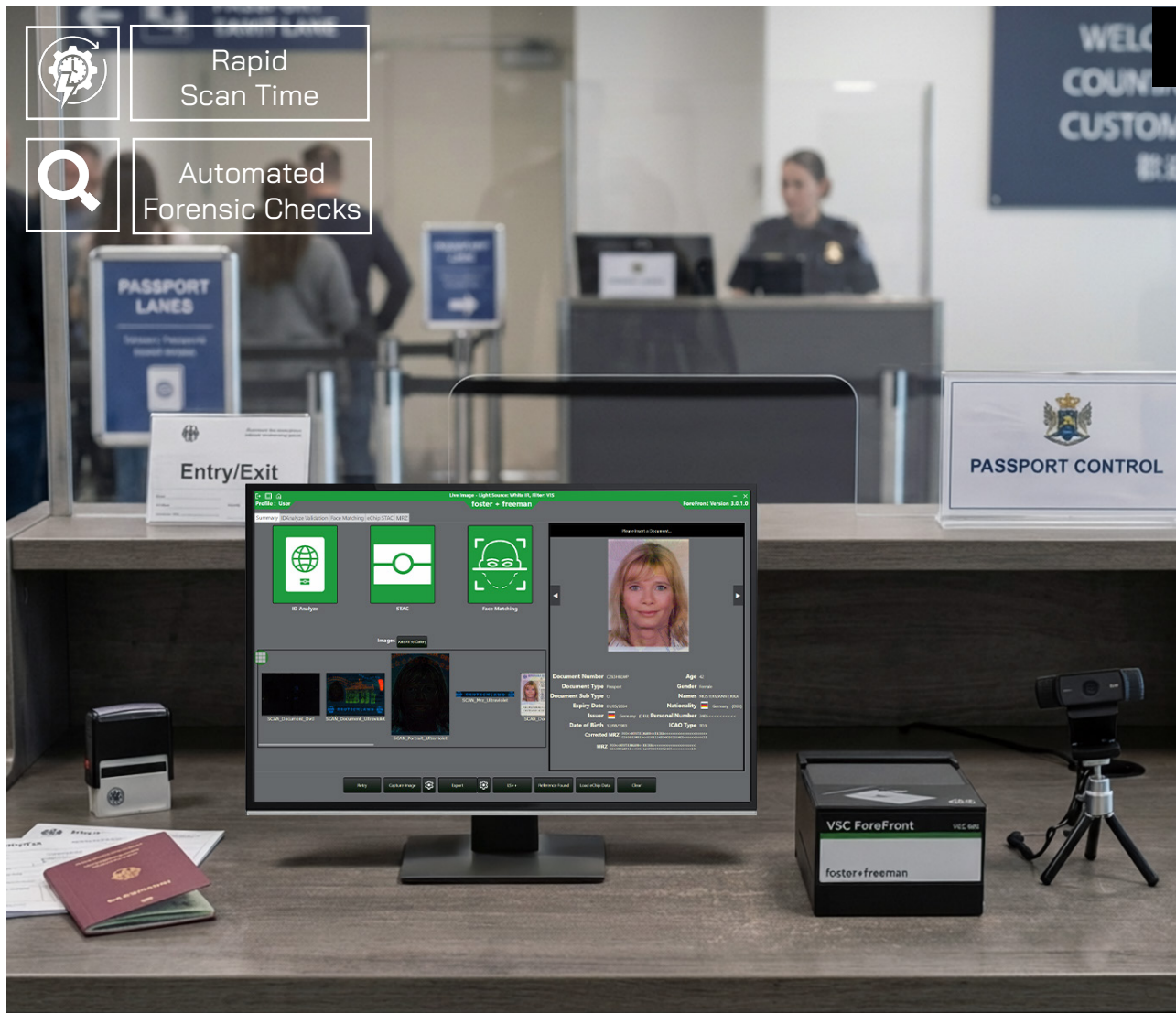
Transform frontline staff into a powerful security filter using semi-automated inspection technology to guide decisions.

Face ID for Biometric Certainty

Verify identity by cross-referencing the document's physical and digital portrait images against high-resolution live captures.

FOREFRONT FLEXIBILITY

Designed with flexibility and future-development in mind, the VSC ForeFront is a uniquely flexible solution. Contact foster+freeman for information.



FAST, EFFECTIVE DOCUMENT PROCESSING



RAPID PROCESSING

Suitable for high-volume applications where processing times are of the highest priority.



SEMI-AUTOMATED

Turn every operator into an expert using semi-automated checks with simple colour-coded results.



SHARE DATA & ALERTS

Easily share document data with any connected VSC across a secure network.



VSC ForeFront MOBILE SYSTEM
VSC/FOREFRONT/MOBILE



HARDWARE PART NUMBER	COMPONENT DESCRIPTION
VSC/FOREFRONT/LAPTOP	LAPTOP 16"
VSC/FOREFRONT/CASE	RUGGED TRANSPORTATION CASE
VSC/FOREFRONT/SCANNER	ID DOCUMENT SCANNER
VSC/FOREFRONT/CARKIT	CAR / VEHICLE POWER SUPPLY
VSC/FOREFRONT/FRCAMERA*	FACIAL RECOGNITION CAMERA*
SOFTWARE OPTIONS	
VSC/FOREFRONT/MOBILE-CORE-XXX	VSC/FOREFRONT/MOBILE-PRO-XXX
3YR	5YR
7YR	3YR
	5YR
	7YR

* Facial Recognition Camera supplied as part of PRO Software option



VSC ForeFront DESKTOP SYSTEM
VSC/FOREFRONT/DESKTOP



HARDWARE PART NUMBER	COMPONENT DESCRIPTION
VSC/FOREFRONT/EXTPC	EXTERNAL PC
VSC/FOREFRONT/MON27	27" DISPLAY MONITOR
VSC/FOREFRONT/SCANNER	ID DOCUMENT SCANNER
VSC/FOREFRONT/WKM	WIRELESS KEYBOARD AND MOUSE
VSC/FOREFRONT/FRCAMERA*	FACIAL RECOGNITION CAMERA*
SOFTWARE OPTIONS	
VSC/FOREFRONT/DESKTOP-CORE-XXX	VSC/FOREFRONT/DESKTOP-PRO-XXX
3YR	5YR
7YR	3YR
	5YR
	7YR

VSC NOMAX

for Handheld On-the-Spot Inspection

A lightweight, rugged, and ultra-portable close-up inspection tool for rapid, on-the-spot examination of any document type.



VSC FOREFRONT

for Dynamic Document Security Environments

A standalone, field-ready screening system for fast, effective ID authentication in high-stakes environments.



VSC 9000

for the Highest Level of Forensic Interrogation

A complete forensic toolset for the 'dissection' of questioned documents, and the inspection of every fine detail of paper and ink composition.



Interoperable solutions for high-volume, multi-layered border security ecosystems.

foster+freeman provides the technology to authenticate IDs and stop fraudulent documents wherever they appear - at the border gate, in the field, or in the lab. By connecting VSC systems, you create an integrated solution, ensuring that everyone from the frontline examiner to the laboratory expert is looking at the same forensic-level data. By proving the document itself is genuine, we close the security gap left by facial recognition and build trust across every layer of security.

VSC[®]ForeFront

Ready to find out more?

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