



## Identity document validation system



Janus ID is a new solution designed to automatically read and authenticate e-passport documents with contactless smart chips, as well as passports, drivers' licenses and ID cards that people use as proof of identity.

Janus ID captures and analyzes MRZ data contained in travel and identity documents and, through our facial recognition technology, compares photo images with a photo database using high resolution color images captured by the reader.

The 3M™ Broad Spectrum ePassport Reader with Smart Card is used to inspect and image travel documents at high resolution using multiple illumination types.

Five illuminations are offered as standard functionality. The reader offers integrated support for ePassports and also reads ISO 7816 Class A and AB smart cards. The reader is designed for forensic document analysis in secondary inspection stations of border management environments and quality assurance applications during the document issuance



### How it works



Powered by **3M**

### Market applications

- | Border Crossing
- | Transportation
- | Sensitive Facilities
- | Banking
- | Casino
- | Hotel
- | Military zones

## Janus ID Technical Specifications

Platforms Supported	Microsoft Windows XP, Microsoft Windows Server 2003
Database	Janus Suite is database independent and supports an unlimited number of record
Key Standard Features & Functionality	<ul style="list-style-type: none"><li>: 2D Facial recognition</li><li>: Multiple document reading and imaging capability – imaging in 24-bit color</li><li>: OCR data capture</li><li>: Multiple wavelength illumination – visible, IR, UV, Retroreflective</li><li>: Smart card reading</li><li>: Auto-triggering of document capture – presence of document is automatically sensed</li><li>: Integrated USB 2.0 Hub – 2 ports</li><li>: Durable metal frame construction</li><li>: No moving parts</li></ul>
Reading Capability	<p>The reader reads the following:</p> <ul style="list-style-type: none"><li>: All ICAO compliant documents per ICAO 9303 specification Parts 1-4</li><li>: 1D barcodes 2 of 5 interleaved, Code 128, Code 39</li><li>: 2D barcodes</li></ul>
RFID	<ul style="list-style-type: none"><li>: Contactless IC reading and writing capability</li><li>: ISO 14443 Type A and B contactless ICs (13.56 MHz)</li><li>: Provides functionality according to ICAO NTWG Technical Reports</li><li>: Communicates with microchip placed in any location within the document</li></ul>
Smart Card Support	<ul style="list-style-type: none"><li>: T=0, T=1 protocol support</li><li>: Communication speed up to 344,105 bps (PPS, FI parameter)</li><li>: Frequency up to 8 MHz (PPS, DI parameter)</li><li>: Supports ISO 7816 Class A and AB smart card</li><li>: 8 contacts – ISO location</li><li>: 100 000 insertions</li><li>: Sliding Contact</li></ul>
Reader dimensions	<ul style="list-style-type: none"><li>: Length 8.7"</li><li>: Width 6.4"</li><li>: Height 6.2"</li><li>: Weight &lt; 1.1 Kg (excluding optional attachments)</li></ul>



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