

The background of the slide features a series of glowing blue light trails that originate from the left side and curve downwards and outwards towards the right, creating a sense of motion and depth. The trails are composed of many thin, parallel lines that vary in brightness, giving them a shimmering, ethereal appearance. The overall color palette is a gradient of blues, from deep navy to bright cyan, set against a solid black background.

A critical component of your security plan

MailSecur's mmWave technology features a unique **360° Rotation™ Video Imaging technique** that renders mail content decoding accessible to everyone. It is revolutionizing mail inspection by eliminating cost and technical skills as impediments to mail screening.

Mail Screening technologies are developed in silos, while the MailSecur work station is designed to be a unique **all-in-one solution** able to detect both suspicious hoax letters and CBREs. In effect, this technology is cost effective and can be readily deployed at multiple locations.

MAILSECUR™
SAFE ACCESSIBLE DETECTION



MAILSECUR™

SAFE ACCESSIBLE DETECTION

A unique technology key to ensuring the safety of people around the globe. MailSecur™ protects organizations from private companies to government agencies, postal agencies, elected officials, and celebrities.



QUALIFIED ANTI-TERROR TECHNOLOGY BY THE DEPARTMENT OF HOMELAND SECURITY

PROUD PARTNER OF  **INO**

NATIONAL OPTICS INSTITUTE

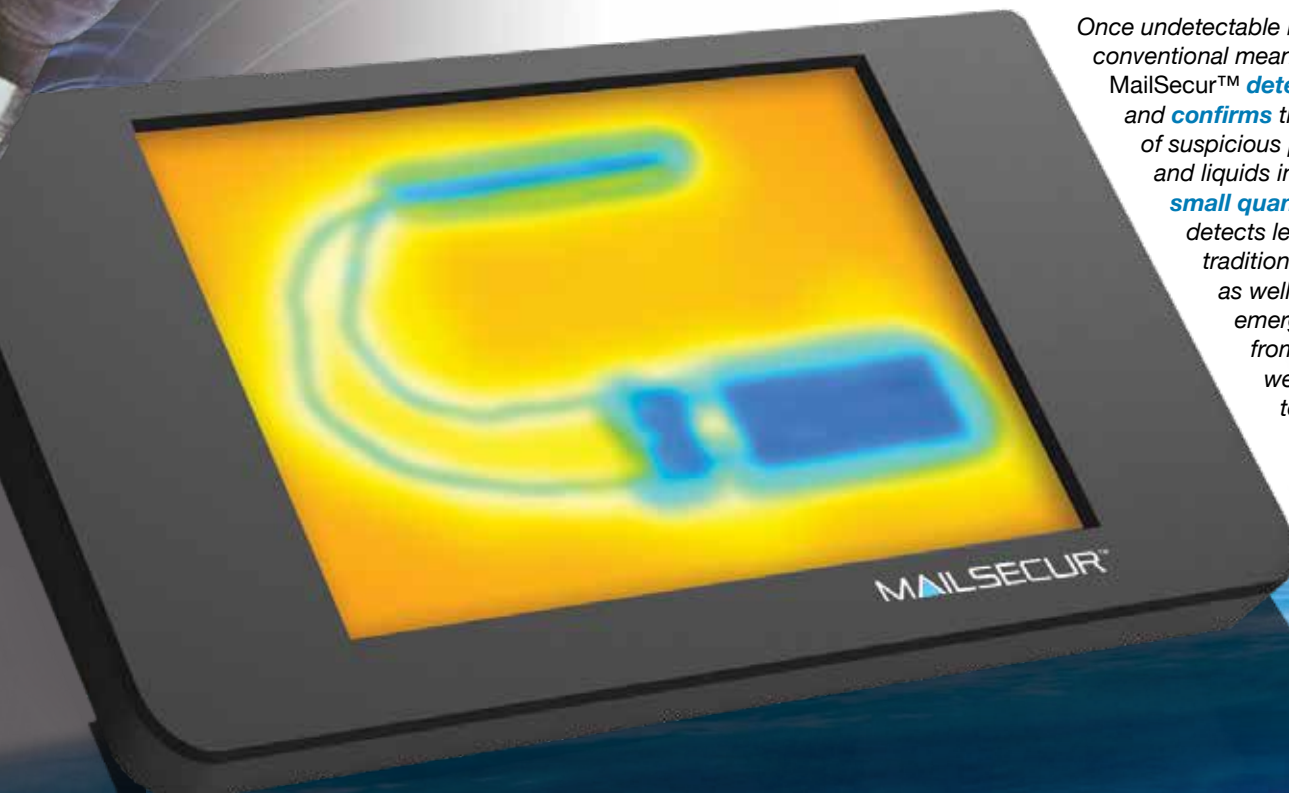
WORLD LEADING DEVELOPER OF INDUSTRIAL OPTICS AND PHOTONICS SOLUTIONS



IN COLLABORATION WITH

The Canadian Space Agency is committed to leading the development and application of space knowledge for the benefit of Canadians and humanity.

*Once undetectable by conventional means, MailSecur™ **detects** and **confirms** the presence of suspicious powders and liquids in **extremely small quantities**. It detects letter bombs, traditional CBREs as well as new emerging threats from mail weaponization to 3D printing.*



Space-age technology capable of **detecting** and **confirming** powders, solids, liquids and all forms of CBREs*

*Chemical, biological, radiological and explosives

Mail is the weakest link.

Mail traffic inspection is a daunting challenge. Threats are evolving, but new technology can safeguard facilities and employees better than ever before. **mmWave technology** is the US government's first line of defense at airports and it is now accessible for mail screening operations.

CBREs and hoax letters are economically damaging.

Twenty thousand opened suspicious letters per year are disrupting business continuity, inciting fear, causing bad publicity, and placing employees in harm's way. The remedial cost of such events far exceeds the cost of protecting a facility and its employees.

Our commitment to a safer world.

RaySecur™ recognizes its social duty to contribute to the collective pursuit of keeping people safe from terrorism and intimidation, in particular the safety of leaders and influencers who expose themselves publicly by virtue of their position.

DESIGNED TO DETECT MAIL THREATS



CBREs are deployed to devastating effects by individuals around the globe. **Every single week, there are multiple attacks via mail.** Over 400 dedicated inspectors from the US Postal Inspector immediately respond to such events. Every year, the odds of being a victim increases. MailSecur's mmWave technology is key to circumventing these attacks by revolutionizing the mail screening industry in terms of safety, accessibility and detection.

5 Key factors of differentiation

- 1 360° Rotation™ Video Imaging
- 2 Can move objects by hand in the inspection area
- 3 Real-time non-intrusive inspection
- 4 Safe for the operator
- 5 Lightweight, portable and easy to set up

MAIL TECHNICIAN ON DEMAND



MailSecur™ eliminates the need for highly technical staff in your mailroom. Our **360° Rotation™ Video Imaging** technique renders mail content decoding easier than ever before. If technical or threat-assessment help is required, RaySecur provides a **Mail Technician On Demand** who can remotely assist and recommend appropriate action via internet access.

Technical Specifications

Dedicated Software

- File storing and sharing Management
- User Management
- Remote Access for mail inspection support

ATD

- Automated Threat Detection

Image Enhancement Tool

- Multiple Color Mapping Mode
- Brightness and Contrast Adjustment
- Magnification
- Image Markeup

360° Rotation™ Video Imaging

Designed for letter
and packet screening

MANUFACTURED BY AN
ISO 9001-CERTIFIED ORGANISATION

mmWave

- Dual Zone
- Large Field of View 9 1/4" by 7 1/4"
- 3X Magnified Zone area

Dual Technology

- mmWave Rotation™ Video Imaging
- Metal Detection

Metal Detection

- Sensitivity Control
- Dual Zone
- Visual and Audible alarm

User-Friendly

- Webcast-Based Training
- Installation is plug and play

Highthroughput

- Option for conveyor belt



25 YEARS
OF INNOVATIVE ACHIEVEMENT



Space-age technology in the service of security

MailSecur™ owes its extraordinary detection capabilities to the advanced space-age technology developed for the **EarthCARE exploration satellite**, and to the efforts of the greatest collection of experts in the field, who assembled to adapt this technology into a safe, accessible and high-performance threat detection device.

Closing the technological gap

MailSecur™ detects and **confirms** the presence of suspicious powders and liquids in letters, flat envelopes and small packets. While we can detect other types of CBREs, we are the preferred technology in preventing hoax and other threats that have eluded traditional detection equipment. **MailSecur™** is the safest and most comprehensive wide-range detection system on the market.

**MMWAVE TECHNOLOGY IS THE US GOVERNMENT'S FIRST LINE OF DEFENSE AT AIRPORTS
AND IT IS NOW ACCESSIBLE FOR MAIL SCREENING OPERATIONS.**

Common Screening Technology Applications*

SUBSTANCE	mm Waves	AUTOMATIC SENSORS	HANDHELD SENSORS	CANINE TEAMS	X-RAY SCANNERS	AIR SAMPLING SYSTEMS	CDC LRN TESTS	AUTOMATIC BIO ID SYSTEMS
CHEMICAL	X	X	X			X		
BIOLOGICAL	X	X				X	X	X
RADIOLOGICAL	X	X	X					
NUCLEAR		X	X					
EXPLOSIVES	X	X	X	X	X			
DANGEROUS ITEMS	X				X			
CONTRABAND	X		X	X	X			
SUSPICIOUS POWDERS	X						X	

*Prepared by the US Department of Homeland Security and the Interagency Security Committee

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The perfect portfolio of safe accessible detection



MAILSECUR™

MailSecur™: safe, cost effective, accessible cutting-edge-technology-driven device capable of detecting and confirming suspicious powders, solids, liquids and all types of CBREs inside envelopes and small packets.



POSTALSECUR™

PostalSecur™: industrial, networkable, high-speed, mail content detection station equipped with conveyer belt, customized for postal agencies, and targeting contraband, CBREs, tax collection and inadmissible items for custom and border control agencies.



LOBBYSECUR™

LobbySecur™: covert lobby security system operating in real-time and capable of detecting concealed vest-bombs, weapons or other type of threat, with remote monitoring and lockdown mode in case of emergency.

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