



FEBRUARY 9, 2021

# PORTABLE CONTACTLESS SEE- THROUGH IMAGER FOR PEOPLE SCREENING

Terasafe-NT

# PRESENTATION SUMMARY

## TOPICS COVERED TODAY

- Our Company
- Our team
- Customer needs (motivations and issues)
- Value proposition
  - Privacy, safety, and detection performances
- R&D and business development roadmap
- Q&A session





# OUR COMPANY

## HISTORY

- Private not-for-profit institute of applied R&D
- Founded in 1988
- 210 employees
  - 60% have advanced degrees
  - Most have secret clearance
- Annual budget ~\$40 M CAD
- ISO 9001 and ISO 13485



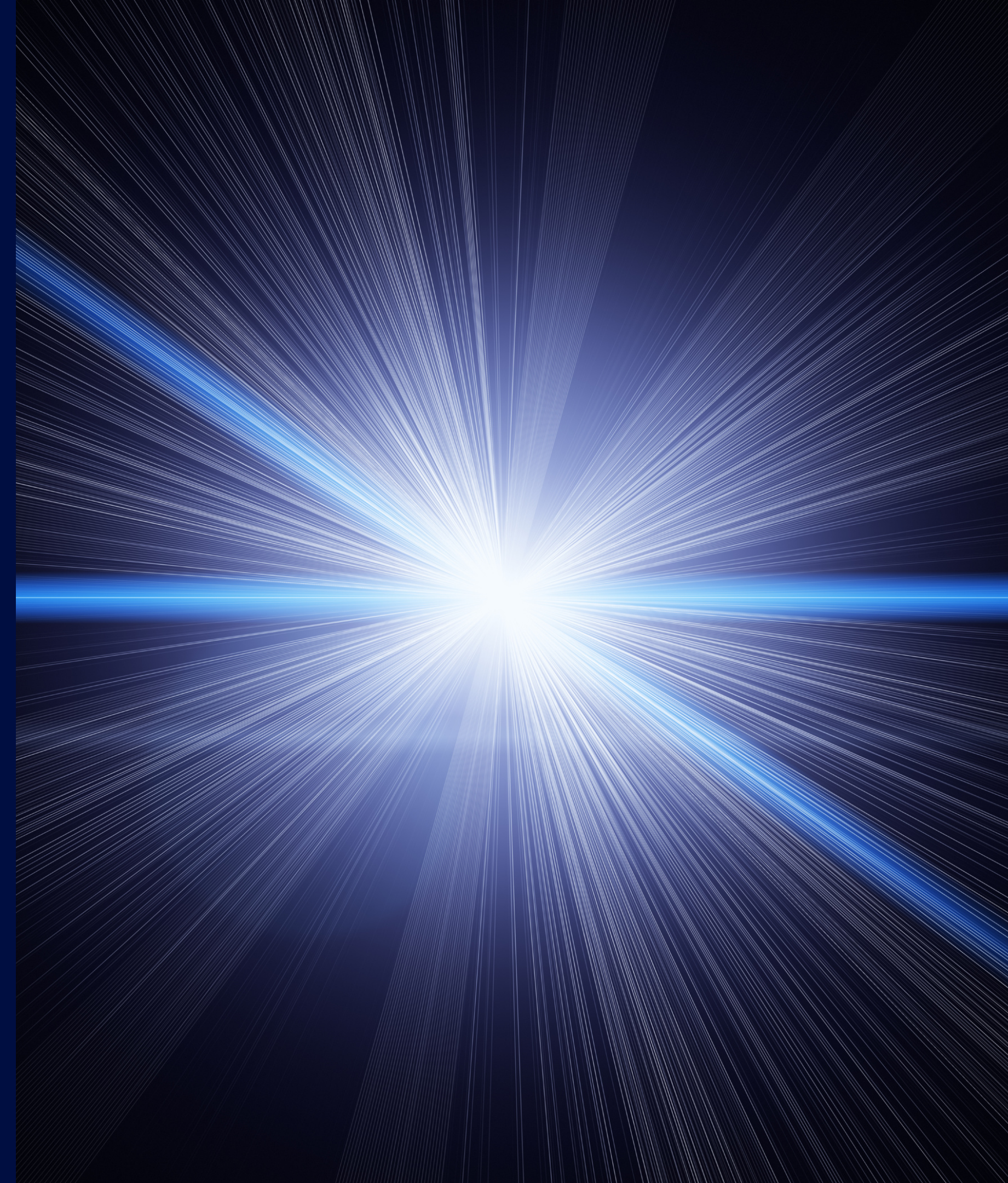




# OUR COMPANY

## MISSION AND VISION

- Solutions for complex optics, photonics and vision problems
- Studies and consulting, prototyping, product development, pilot production, technology transfers and spin-offs





# A SOURCE OF INSPIRATION

IN SPIN OFF CREATION

35 spin off companies over 33 years!

**RAYSECUR™**  
SAFE ACCESSIBLE DETECTION

The LeddarTech logo features a stylized 'L' composed of a grid of colored dots in red, blue, and green.  
**LeddarTech**

**op**Sen's


The OptoSecurity logo features a red cube icon with a white 'X' inside.  
**OPTOSECURITY**

**TeraXion**

**FISO**

**OPTEL** The Optel Vision logo features a stylized 'V' composed of two blue triangles.  
**VISION**

The Swiftsure Spatial Systems logo features a stylized blue 'S' with a white swoosh.  
Swiftsure Spatial Systems

The Optiwave logo features a stylized blue 'O' with a white swoosh.  
**Optiwave**

**LynX**  
Inspection



# OUR EXPERTISE

## DEDICATED TEAMS



SYSTEM  
ENGINEERING



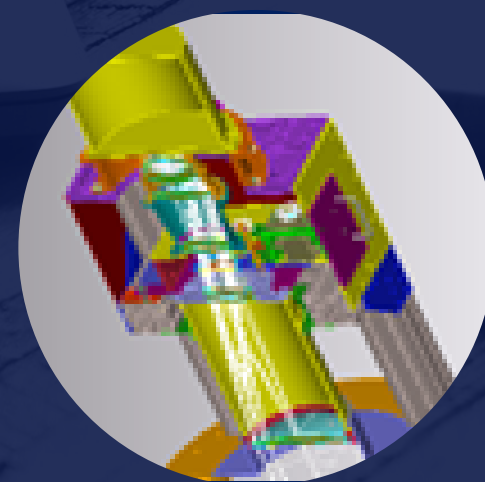
CONNECTED  
DEVICES



INDUSTRIALIZATION



MICROSYSTEMS



OPTO-MECHANICS



LASER & SPECIALTY  
FIBERS



ARTIFICIAL  
INTELLIGENCE



REMOTE SENSING





# OUR COMPANY

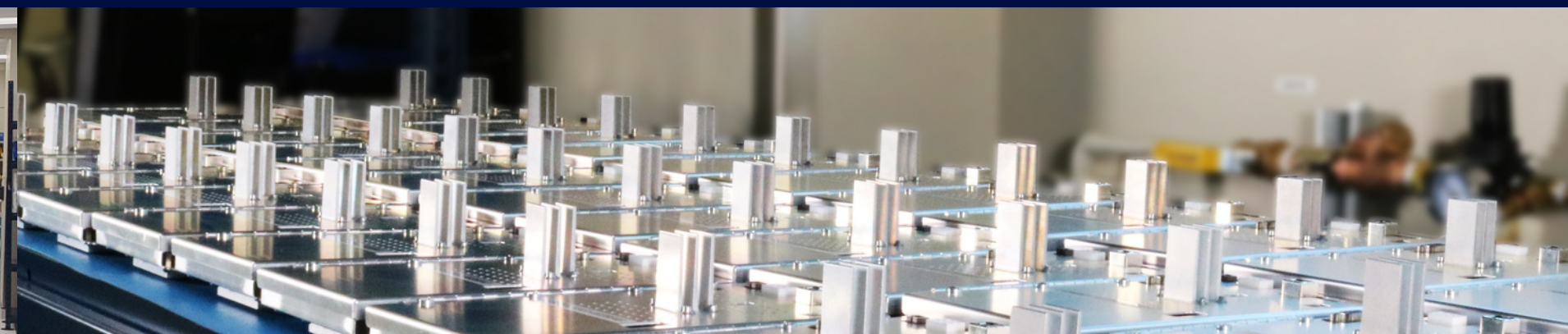
## INDUSTRIALIZATION

### PRODUCT ENGINEERING

- Component engineering
- Metrology
- Jig development
- Documentation
- Change order management (configurations)
- Certification

### PRODUCTION ENGINEERING

- Procurement strategy
- Sequencing
- Production management
- Warranty and service management
- Quality assurance



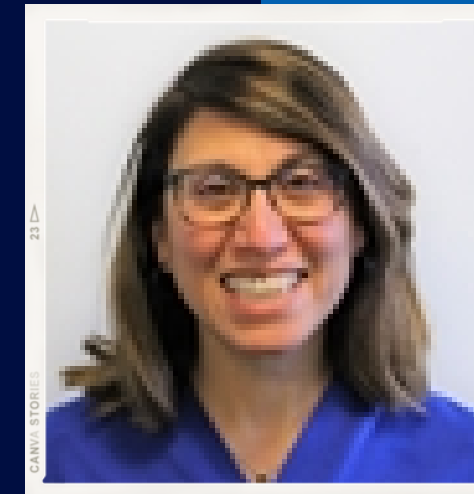


# TERASAFE-NT TEAM

PEOPLE BEHIND IT



PASCAL BOUCHARD  
PATRICE TOPART  
Business Development



LINDA MARCHESE  
Main system architect



R&D TEAM  
Dedicated and  
multidisciplinary





## GLOBAL SECURITY ISSUE

Finding  
suspected threats on  
passengers during airport  
screening

SECONDARY PEOPLE SCREENING





# SOLUTION OVERVIEW

## BACKGROUNDER

- Portable and contactless secondary people screener for airport security
- Detection of metallic and non-metallic objects concealed underneath multiple layers of clothing
- Also addresses non-aviation security applications in museums, places of worship, train station, concert, and border control





# Our Social Sites



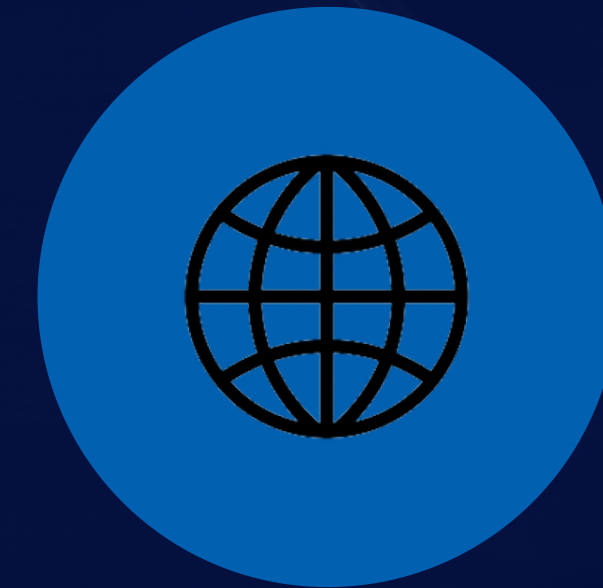
## LINKED IN

biophotonics, bolometers, 3D sensors, optical design, specialty optical fibers, lasers, fiber lasers, vision systems, lidar and remote sensing et and technologies for space and astronomy



## FACEBOOK

At INO, we are specialized in developing solutions designed to make businesses more competitive, no matter what their size or area of activity



## BLOG

How to raise security standards while solving wait time and provicy issues?





# Q&A SESSION

THANKS FOR YOUR ATTENTION.  
FEEL FREE TO ASK YOUR  
QUESTIONS

## ADDRESS

2740, Einstein, Quebec, Quebec, Canada

## PHONE

418 803-6510

## EMAIL

[pascal.bouchard@ino.ca](mailto:pascal.bouchard@ino.ca)

