



Integrated Defense & Security Solutions

IDSS DETECT™ 1000 Advanced Checkpoint Scanner

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IDSS Key Personnel – A World Renowned Security Team!



Joseph Paresi
Chairman and CEO



Bernard Gordon
Board Member



Peter Marino
Board Member



Paul Efron
Board Member

- > **Joseph Paresi – Founder, Chairman and CEO of IDSS**
 - > EVP L-1 Identity Solutions (NYSE: ID), Corp VP t L-3 Communications Corporation (NYSE: LLL), Founder & President L-3 Security & Detection Systems, Director of Technology at Lockheed Martin (NYSE: LMT) & Loral (NYSE: LOR) Corporations

- > **Bernard M. Gordon – Co-Founder & IDSS Board Member**
 - > Retired Founder, Chairman & CEO of Analogic Corp (NASDAQ: ALOG). National Medal of Technology from President Reagan, Considered "the Father of High-speed, A/D Conversion"

- > **Peter Marino – IDSS Board Member**
 - > Co-Chairman Engility, Senior Advisor Director of National Intelligence, Defense Science Board, QinetiQ North America

- > **Paul Efron – IDSS Board Member**
 - > Advisory Director Goldman Sachs

- > **Douglas Boyd – Chairman & CEO of TeleSecurity Sciences**
 - > Founder of Imatron and InVision Technologies

- > **Dr. James Connelly – IDSS Chief Technology Officer**
 - > Director of Technology at L-3 Security & Detection Systems, Former TSA Security Lead for Explosive Detection Systems Doctorate in Computer Engineering from Carnegie Mellon University

- > **Jeffrey Hamel – President of IDSS Security Solutions**
 - > Senior Vice President at MorphoTrust USA & Raytheon

- > **Patricia Krall – IDSS Executive Vice President**
 - > Originator of eXaminer 6000 and VP at L-3 Security & Detection Systems

- > **Daniel Poder – Director of IDSS Software Solutions**
 - > Director of Software Development at MorphoTrust USA



Doug Boyd, PhD
Technical Advisor



Jim Connelly, PhD
CTO



Jeff Hamel
President



Patricia Krall
Executive VP



John Halinski
Senior Advisor
Former Deputy
Administrator of TSA



Barbara Zylinski
Marketing
DHS and Legislative
Support



Daniel Poder
Software
Engineering
Operational Software

Evolving Threats Drives the Need to Deploy More Advanced Technology

➤ ***Terrorists Have Learned to Exploit Weaknesses of X-ray Scanners***

➤ *Non-Metallic Detonators*

➤ *Explosives Hidden in Electronics*

➤ ***Two Recent IEDs in Laptops in Somalia!***



➤ *Home Made Explosives (HME) are a Major Threat from ISIS and Al Qaeda*

➤ *Recent Terrorist Activities Mandate the Need for Automated Threat Detection*

➤ ***DHS Wants Enhanced Threat Detection***

➤ *Recognize that Visual Assisted Detection is Too Difficult for Officers to Find*

➤ *DHS/TSA Fully Support CT-based Automatic Explosive Detection*

**The DETECT™ 1000 Addresses All These Needs and
Formal Test Results Have Validated Its Exceptional Capabilities**

Advantages of DECT Technology at the Checkpoint



- *Ability to Examine Entire Content of Baggage Quickly and Accurately*
- *CT Technology Provides Real Discrimination*
 - *Density and Mass Determination of Contents Matched Against Threat List*
 - *Dual Energy Adds Significant Orthogonal Discrimination to Limit False Alarms*
- *Automated Algorithms*
 - *Automated Explosive Detection Reduces Burden on Screeners*
 - *Simplifies the Detection of Sheet Explosive in Electronics*
 - *Incorporates Liquids, Gels and Aerosols Detection to Eliminate Divestitures*
- *3-D Image Quality*
 - *Automated Detection Provides More Operational Efficiency*
 - *High Quality Imagery Enhances Identification of Prohibitive Items*
- *Operational Performance*
 - *Enhances Security while Improving the Passenger Experience*
 - *Similar Advancement as Proven by Checked Baggage EDS Systems Benefits*
 - *Recent Terrorist Activities Mandate the Need for Automated Threat Detection*

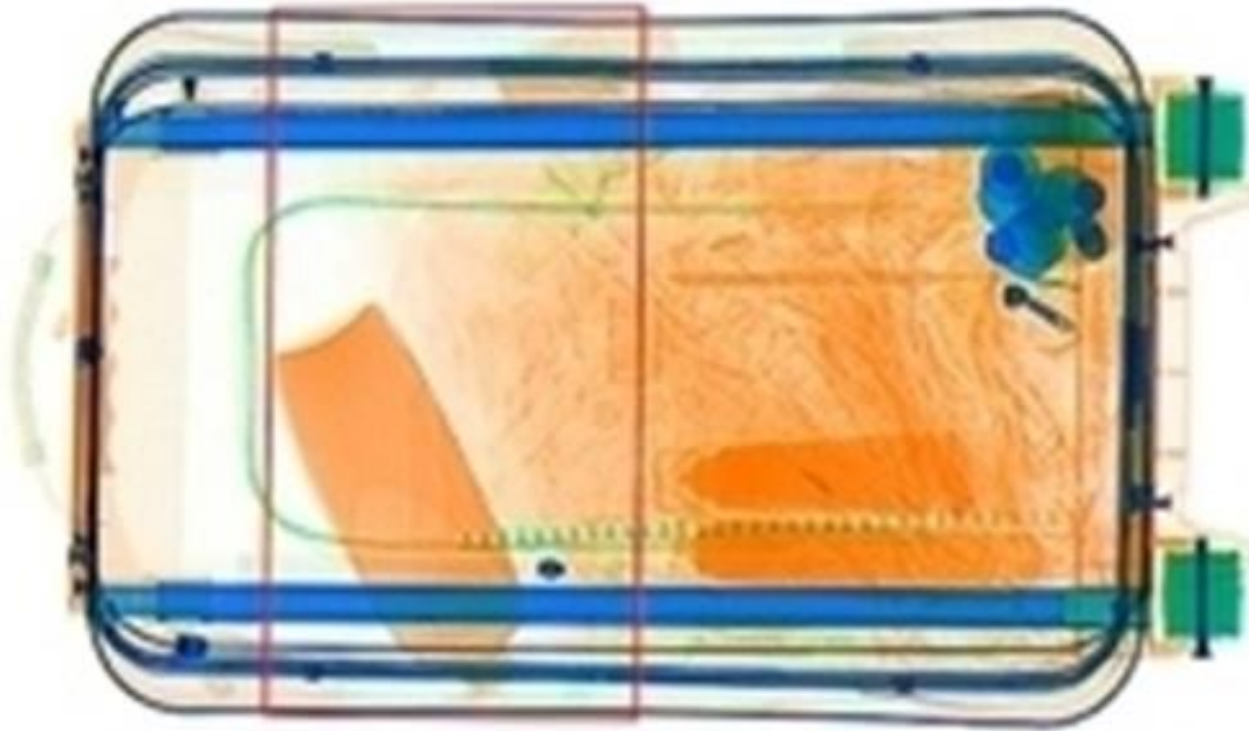
Advantages of DECT Technology at the Checkpoint



- ***U.S Inspector General Report Exposed Checkpoint Weaknesses (6/15)***
 - *Undercover Staff Evaded Security 95% of Attempts*
 - *TSA Retrained All Officers, but Recent Testing Showed they Missed 75% of Attempts*
- ***DHS Wants Enhanced Threat Detection***
 - *Recognize that Visual Assisted Detection is Too Difficult for Officers to Find*
 - *DHS/TSA Fully Support CT-based Automatic Explosive Detection*

Material Characterization – X-ray Scanners Offer Trimat Only

Explosives Overlap with Common Objects

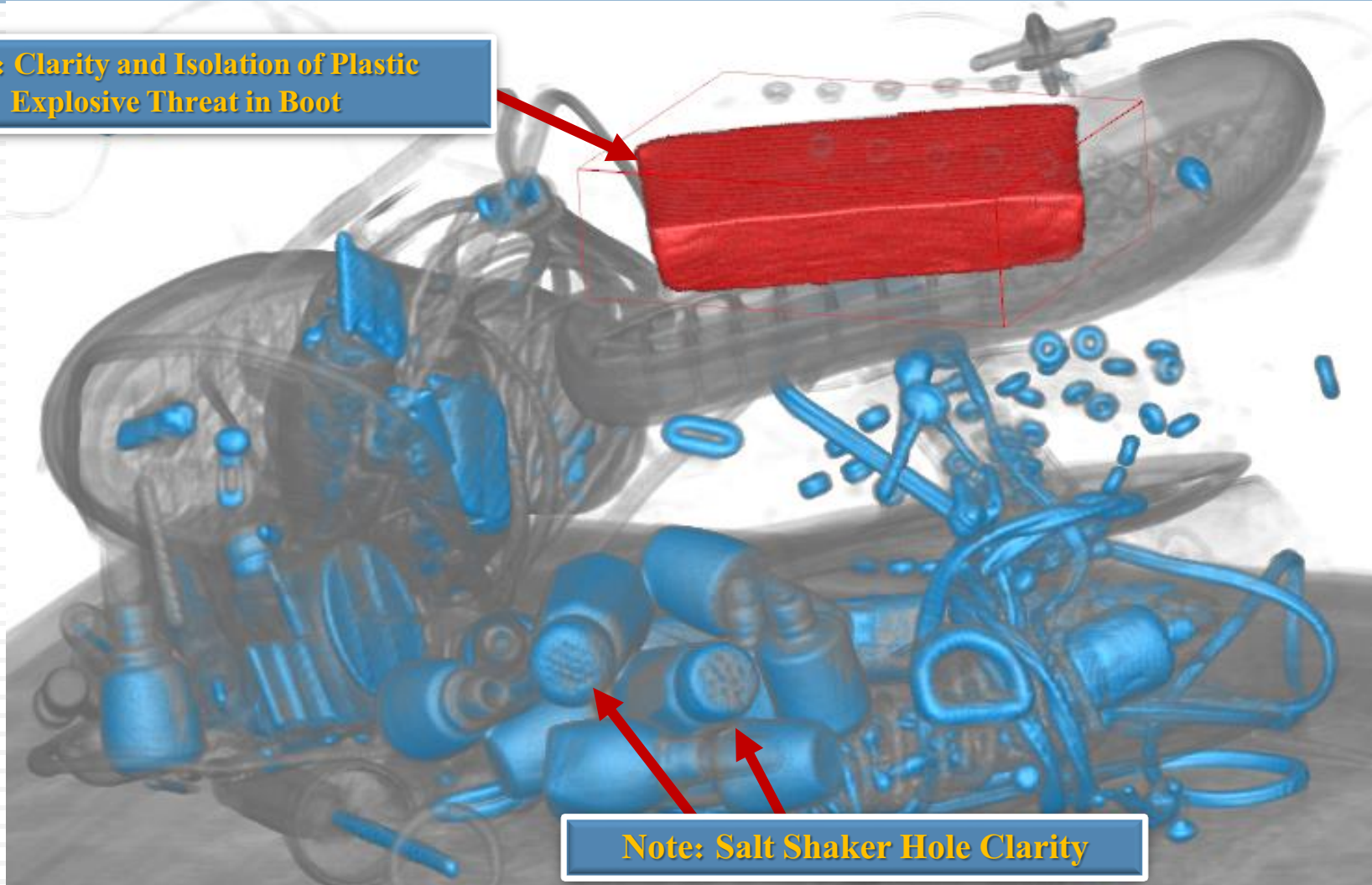


TSA DETECT Successful Operational Trials in EU



3-D Image of Explosive in Boot

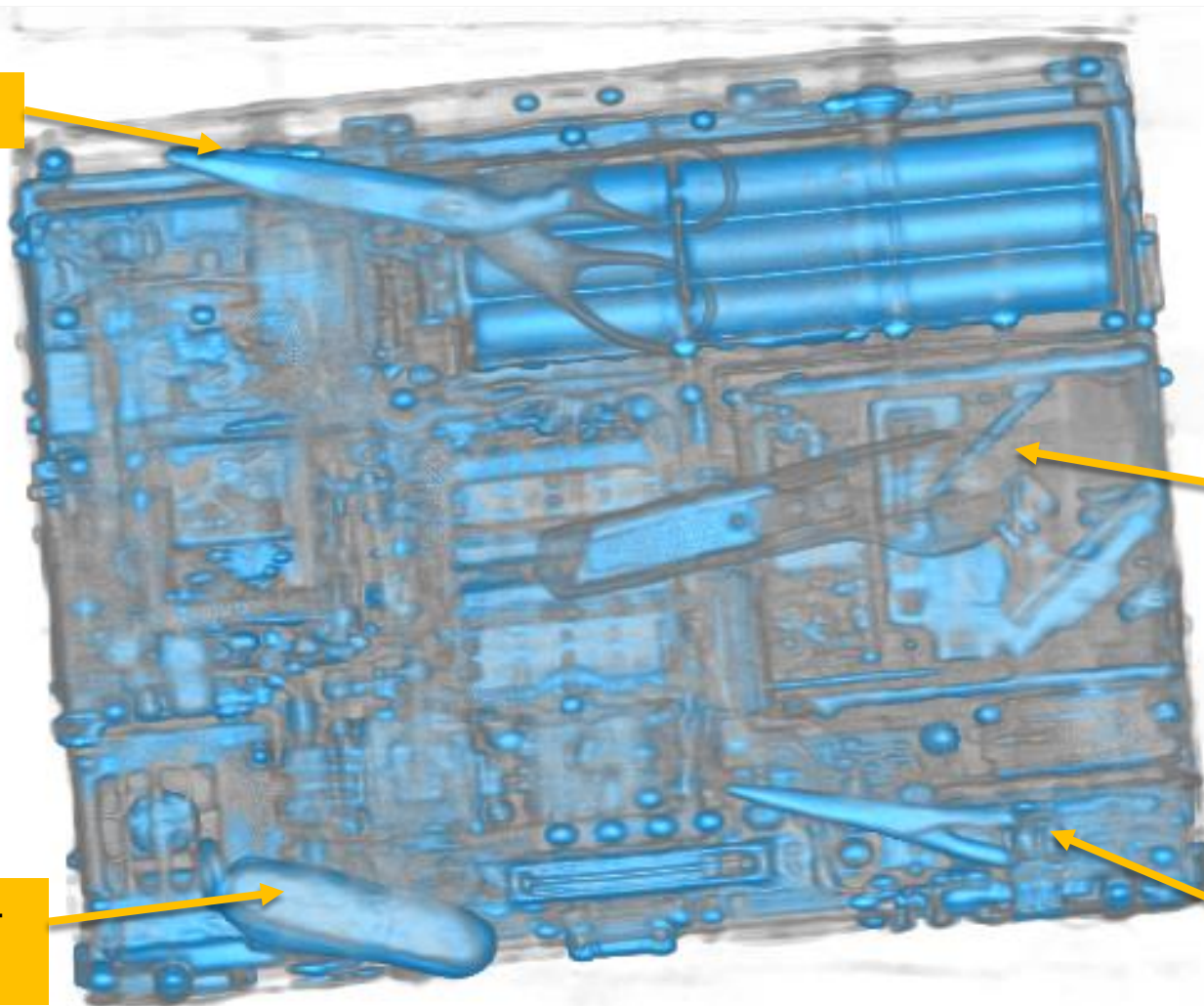
Note: Clarity and Isolation of Plastic Explosive Threat in Boot



Note: Salt Shaker Hole Clarity

High Quality Image Feature – Weapons Easily Identifiable

Scissors



Brake Blade
Boxcutter

Pocket
Knife

Scissors

DETECT™ 1000



- **Fully Automated Detection Significantly Simplifies the Security Screening Process**
- **Low False Alarms Limit the Number of Bags Needing Secondary Screening**
- **High Image Quality Supports Quick Prohibited Items Detection**
- **Improved Security while also Improving and Expediting the Passenger Experience**

