

Transportation Security Administration (TSA) & Leidos: Supporting the mission for Fast, Frictionless, and Fully-Integrated Solutions

Leidos makes air travel healthier, efficient, and secure, through engineering, technology, and science.

Beginning in 1997 when the most advanced Explosive Detection System (EDS) was deployed for testing, Leidos' talented team of scientists, engineers, and manufacturing experts demonstrated the ability to "see around the corner" and partner with TSA (then FAA) to provide a Computed Tomography (CT) based EDS system to enhance security. That system was recognized as having the highest sensitivity to assess baggage contents and ability to identify threats to air travel – a capability never before seen in aviation security.

The continued support has spanned three decades and extended to aviation checkpoints with advances in carry-on baggage and people screening systems. Today, Leidos ensures that everyday its 7,000 systems deployed across the country stand guard to protect the millions of commercial air travelers in the U.S. Our dedicated team of more than 250 service engineers are on-site to ensure continuity of service for TSA and its airline partners.

The future of this collaboration will be based on the power of advanced algorithms built on artificial intelligence and machine learning, cutting threat detection software development and deployment time by 75%. Systems will be integrated into an ecosystem of software and hardware that enables faster analysis and improved detection performance while doubling the system throughput. Included in our product development is an assurance to screening personnel and travelers that our systems require minimal searches to reduce the risk of infectious transmissions making the checkpoint safer for both Transportation Security Officers and the traveling public.

Built on trust and a commitment to make travel safer, Leidos will continue to drive innovation and technology on behalf of the traveling public and our federal customers.

"This collaboration has spanned three decades and extended to aviation checkpoints with advances in carryon baggage and people screening systems."



1997

►eXaminer 3DX passes FAA Certification

2001

▶eXaminer is approved for installation following 9/11

2007

▶ ProVision enters TSA Whole Body Imaging (WBI) program for initial field trials

2009

► Reveal CT-800i certified by **ECAC**

2011

►ACX-MV deployed for air cargo, cruise line and critical infrastructure screening

►TSA places order for 500 **ProVision** systems

2015

- ▶TSA rolls out PV2 systems fleet wide
- Reveal CT-80DR+ certified by TSA
- ▶ Automated Screening Lanes (ASL) and SmartView deployed at TSIF for testing systems for TSA

2017

- ► ClearScan receives ECAC EDS C3 Approval
- ClearScan is first Checkpoint CT system deployed in the US at PHX airport
- ►TSA places \$21M order for 56 Reveal CT-80DR+

2020

▶ Delta Airlines selects ProPassage Automated Screening Lane for deployment in extension to ATL Terminal

►TSA completes their FOC with final purchase of 100 PV2 systems, bringing total systems deployed to over 1,050

2002

▶450 eXaminers are deployed for TSA operations

2004

2005

►TSA places

CT-80s

\$23M order

for 73 Reveal

► Reveal CT-80s EDS certified by TSA

2006

►TSA places \$20M order for additional Reveal CT-80s 2008

- ▶TSA begins fleet wide deployments of ProVisions under the WBI program (105 + / -)
- ▶ Reveal CT-80DR certified by TSA

2010

- ►ACX-MV approved for TSA use, 50 systems deployed across six states
- ▶eXaminer ES passes TSA certification
- ▶ ProVision ATR software developed

2012

2013

▶QS-B220 ACSTL

Certification

▶L3 installs Low

Rate Initial

Production

- ▶ ProVision 2 introduced
- ▶eXaminer ES field trials
- ►TSA signs \$100M master agreement for CT-80DRs

2014

- First deployments for eXaminer FS
- ►B220 completes field trials and passes QPL Certification
- TSA places initial order of 1,170 B220 systems

2016

- ▶2 off-trial ASLs go live in ATL Terminal South
- ▶ 25 ASL systems deployed including ATL, ORD, LAX T7 and EWR
- ►TSA places >\$9.4M order for additional 25 Reveal CT-80DR+
- ►TSA rolls out B220 with purchase of 1,353 systems

2018

- ►TSA purchases 2.073 B220 systems to complete their full operational capacity (FOC) across all US airports
- ▶98 ASLs deployed to DFW, MDW, MSP, LGA, MIA, ATL, LAX and JFK
- ► ASLs integrated in ClearScan CT for TSA testing

CT X-RAY INTEGRATED BAGGAGE HANDLING SYSTEMS



eXaminer 433 Operational



Reveal CT-80DR+ 650 Operational

CT X-RAY **PROPERTY SCREENING**



ClearScan 10 Operational

AUTOMATED SCREENING LANE SYSTEMS



ProPassage 135 Operational

ON BODY SCREENING & ALARM RESOLUTION



ProVision 1,000 Operational



Q2-B220 Trace Detection 4,590 Operational

Service & Support



- 280 Field Service Support
- ► Fully Integrated Solutions Across All Platforms
- ► Five Year Checked Baggage Support Contract
- ► Five Year Checkpoint Support Contract
- ► Engineering and Project Management Services I.D.I.Q

About Leidos

Leidos is a Fortune 500® information technology, engineering, and science solutions and services leader working to solve the world's toughest challenges in the defense, intelligence, homeland security, civil, and health markets. The company's 37,000 employees support vital missions for government and commercial customers. Headquartered in Reston, Virginia, Leidos reported annual revenues of approximately \$11.09 billion for the fiscal year ended January 3, 2020. For more information, visit www.Leidos.com.

FOR MORE INFORMATION leidos.com | leidos.com/security-detection

in LinkedIn: Leidosif Facebook: LeidosincYouTube: LeidosincTwitter: @Leidosinc

