Adacel Technologies Limited

Investor Presentation
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Introductions

Peter Landos
Non Executive Chairman

Gary Pearson
Chief Executive Officer

Brian Hennessey
V.P. Business Development

What Does Adacel Do?

Adacel is a developer and integrator of advanced air traffic control and training software systems with a primary focus on the aviation and aerospace domains.

Due to the complexity, safety critical nature and sovereignty of the systems installation, Adacel provides long term services and support.

United States Facility

Canada Facility

Business Segments

Systems

The Systems segment represents all sales of integrated software systems, system upgrades and products covering operational control as well as simulation and training.

Services

The Services segment includes all potential recurring revenue, including software maintenance, system support, field services and on-site technical services.

Systems Sales Drives Services Revenue

Services (Recurring Revenue)

Systems

55%

45%

2015
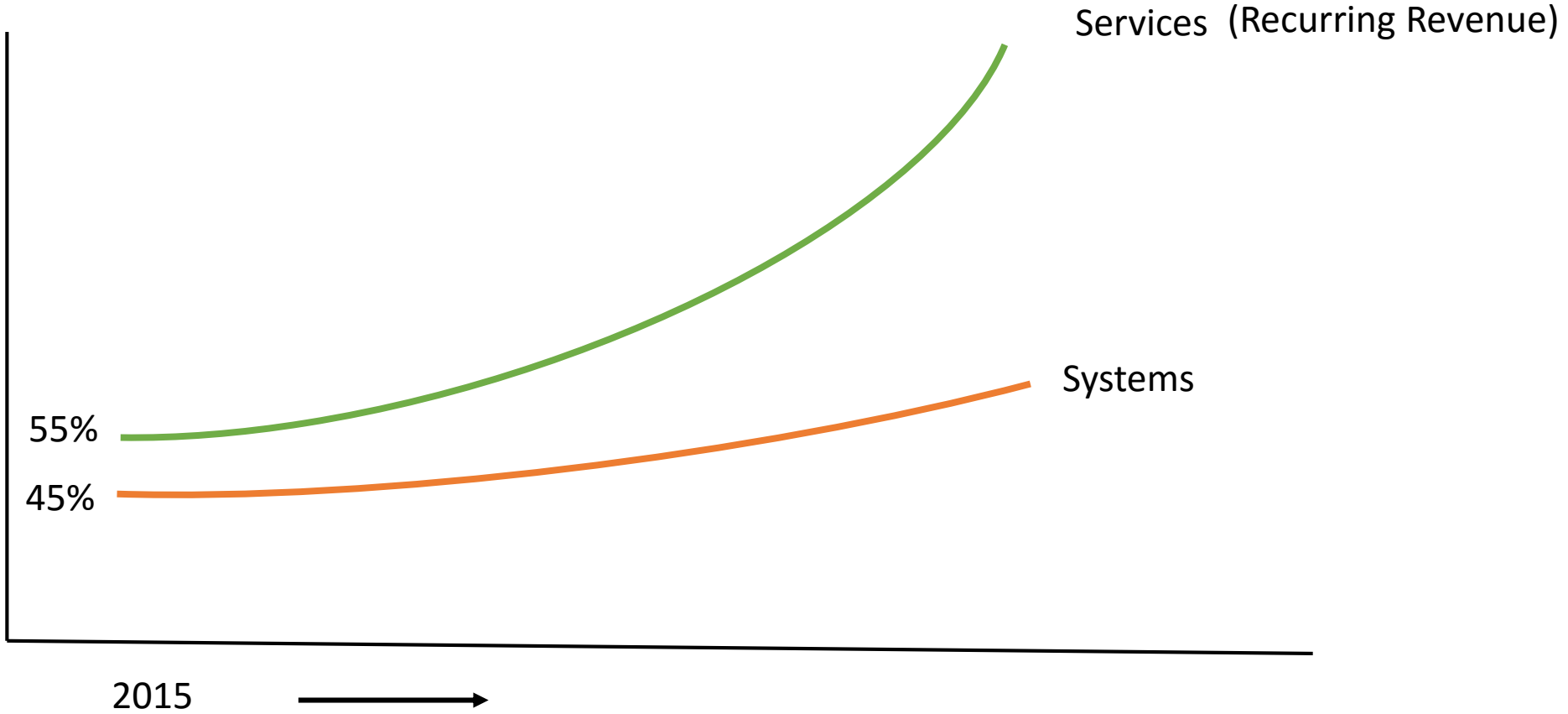
Systems: Market Drivers
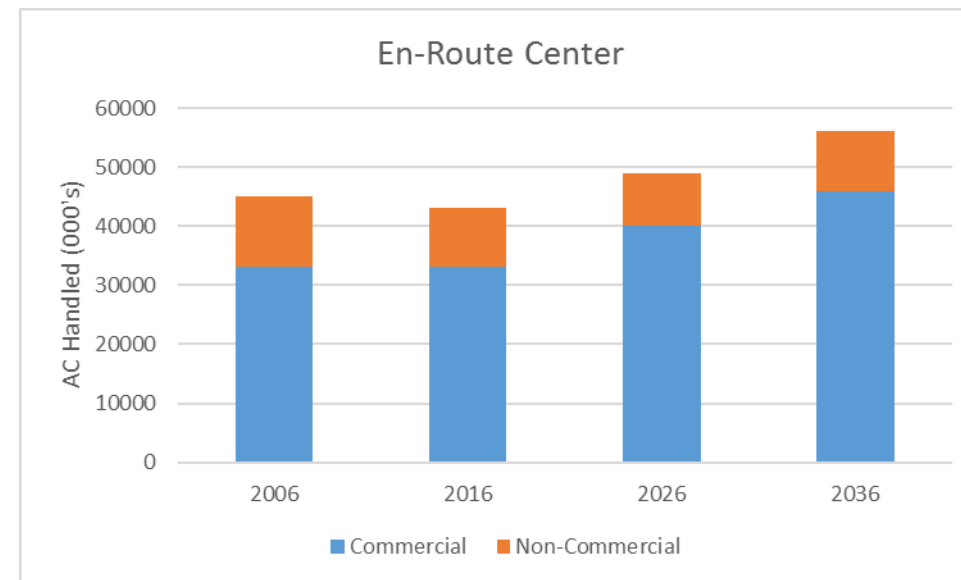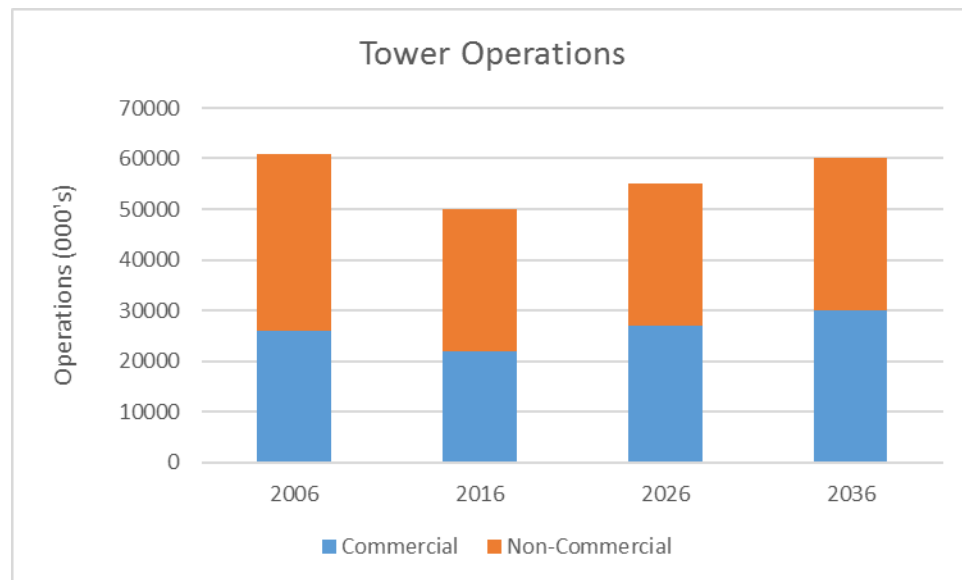
ATM Modernization

Single European Sky ATM Research program

FAA Next Generation ATM Initiative

A global ATM transition to satellite based technologies

Increased Traffic Demand (North America)

Forecast steady growth in aircraft operations

*Source – FAA Aerospace Forecast – FY 2016-2036

Controller Training Demand (North America)

FAA Staffed Facilities

(Bar chart showing En-Route, Radar, and Tower facilities on a scale from 0 to 350)

Approximately 14,000 air traffic controllers

Loss Category	Losses 2011 - 2020
Retirements	5,038
Resignations, Removals, Deaths	486
Developmental Attrition	1,380
Promotions / Transfers	3,641
Academy Attrition	702
Total	**11,247**

Controller Attrition Summary

*Source – FAA Aerospace Forecast – FY 2016-2036

Services: Market Drivers

Services Market Drivers

- Growing footprint of Adacel products and systems

- Broader need for on-site support

- Additional pending contract vehicles

- Demonstrated government qualifications

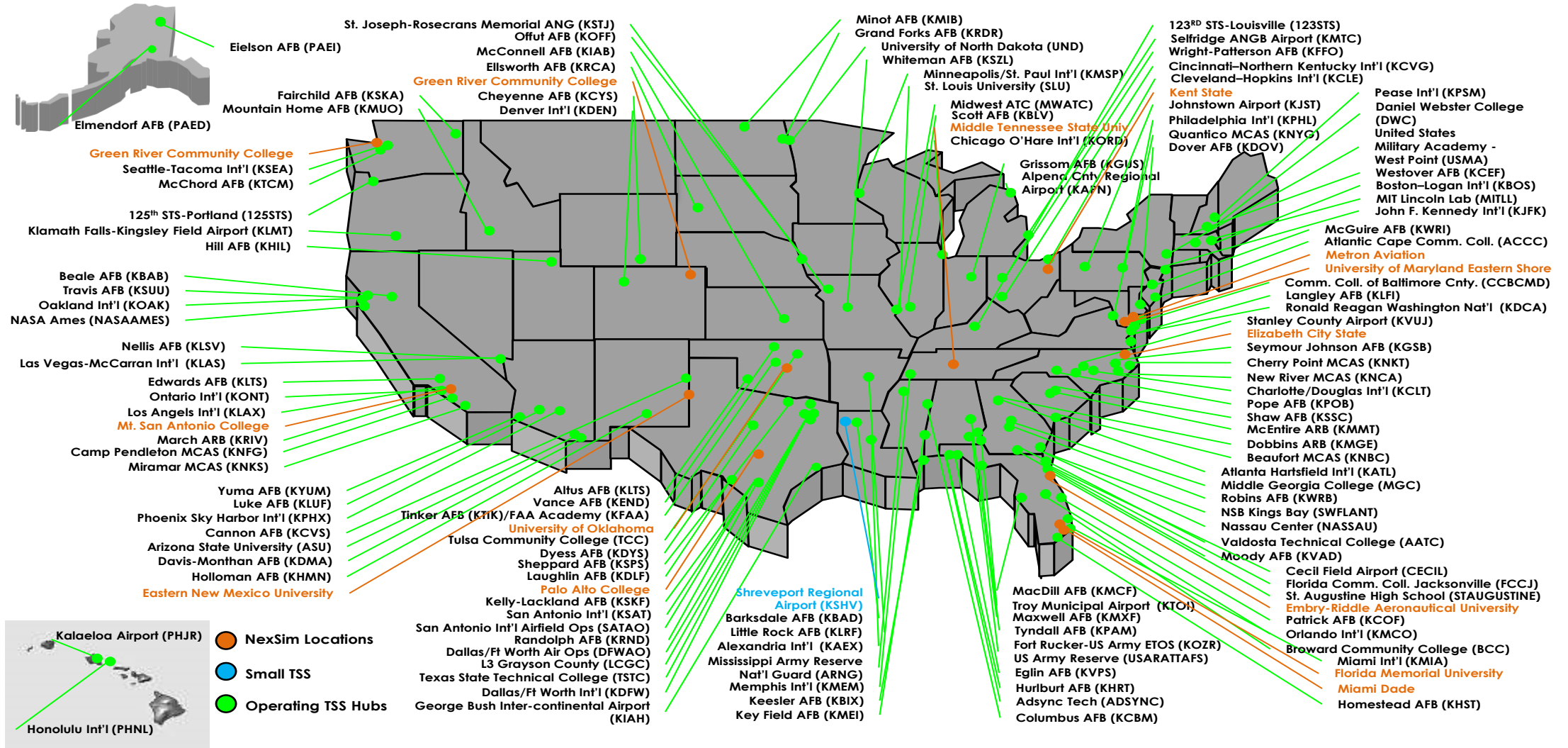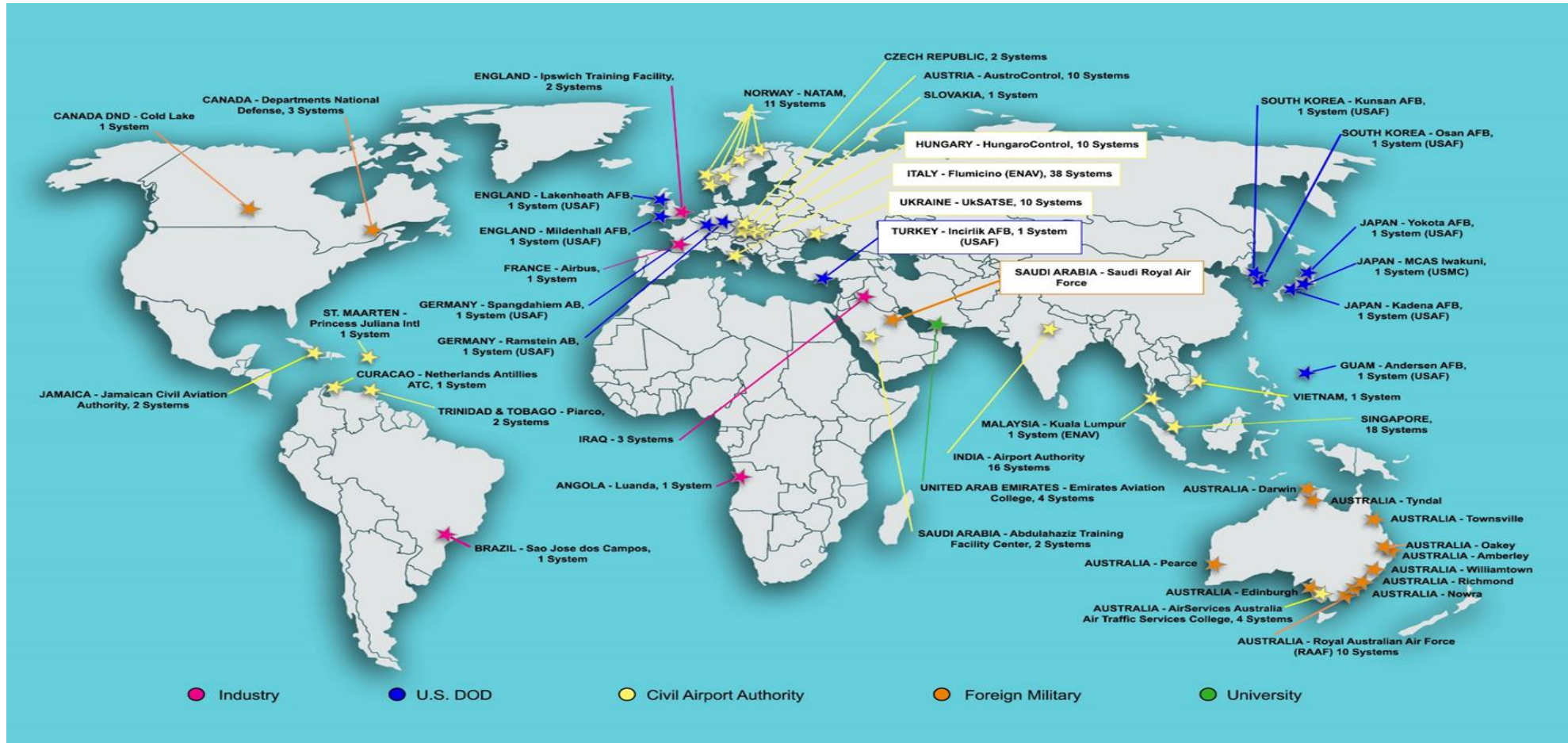- Excellent formal US government past performance provides competitive advantage

Systems

MaxSim: USA Footprint

St. Joseph-Rosecrans Memorial ANG (KSTJ)
Offut AFB (KOFF)
McConnell AFB (KIAB)
Ellsworth AFB (KRCA)
Green River Community College
Cheyenne AFB (KCYS)
Denver Int'l (KDEN)

Eielson AFB (PAEI)

Elmendorf AFB (PAED)

Fairchild AFB (KSKA)
Mountain Home AFB (KMUO)

Green River Community College
Seattle-Tacoma Int'l (KSEA)
McChord AFB (KTCM)

125th STS-Portland (125STS)
Klamath Falls-Kingsley Field Airport (KLMT)
Hill AFB (KHIL)

Beale AFB (KBAB)
Travis AFB (KSUU)
Oakland Int'l (KOAK)
NASA Ames (NASAAMES)

Nellis AFB (KLSV)
Las Vegas-McCarran Int'l (KLAS)

Edwards AFB (KLTS)
Ontario Int'l (KONT)
Los Angels Int'l (KLAX)
Mt. San Antonio College
March ARB (KRIV)
Camp Pendleton MCAS (KNFG)
Miramar MCAS (KNKS)

Yuma AFB (KYUM)
Luke AFB (KLUF)
Phoenix Sky Harbor Int'l (KPHX)
Cannon AFB (KCVS)
Arizona State University (ASU)
Davis-Monthan AFB (KDMA)
Holloman AFB (KHMN)
Eastern New Mexico University

Kalaeloa Airport (PHJR)

Honolulu Int'l (PHNL)

NexSim Locations
Small TSS
Operating TSS Hubs

Altus AFB (KLTS)
Vance AFB (KEND)
Tinker AFB (KTIK)/FAA Academy (KFAA)
University of Oklahoma
Tulsa Community College (TCC)
Dyess AFB (KDYS)
Sheppard AFB (KSPS)
Laughlin AFB (KDLF)
Palo Alto College
Kelly-Lackland AFB (KSKF)
San Antonio Int'l (KSAT)
San Antonio Int'l Airfield Ops (SATAO)
Randolph AFB (KRND)
Dallas/Ft Worth Air Ops (DFWAO)
L3 Grayson County (LCGC)
Texas State Technical College (TSTC)
Dallas/Ft Worth Int'l (KDFW)
George Bush Inter-continental Airport (KIAH)

Minot AFB (KMIB)
Grand Forks AFB (KRDR)
University of North Dakota (UND)
Whiteman AFB (KSZL)
Minneapolis/St. Paul Int'l (KMSP)
St. Louis University (SLU)
Midwest ATC (MWATC)
Scott AFB (KBLV)
Middle Tennessee State Univ
Chicago O'Hare Int'l (KORD)

Grissom AFB (KGUS)
Alpena Cnty. Regional Airport (KAPN)

Shreveport Regional Airport (KSHV)
Barksdale AFB (KBAD)
Little Rock AFB (KLRF)
Alexandria Int'l (KAEX)
Mississippi Army Reserve
Nat'l Guard (ARNG)
Memphis Int'l (KMEM)
Keesler AFB (KBIX)
Key Field AFB (KMEI)

MacDill AFB (KMCF)
Troy Municipal Airport (KTOI)
Maxwell AFB (KMXF)
Tyndall AFB (KPAM)
Fort Rucker-US Army ETOS (KOZR)
US Army Reserve (USARATTAFS)
Eglin AFB (KVPS)
Hurlburt AFB (KHRT)
Adsync Tech (ADSYNC)
Columbus AFB (KCBM)

123RD STS-Louisville (123STS)
Selfridge ANGB Airport (KMTC)
Wright-Patterson AFB (KFFO)
Cincinnati–Northern Kentucky Int'l (KCVG)
Cleveland–Hopkins Int'l (KCLE)
Kent State
Johnstown Airport (KJST)
Philadelphia Int'l (KPHL)
Quantico MCAS (KNYG)
Dover AFB (KDOV)

Pease Int'l (KPSM)
Daniel Webster College (DWC)
United States Military Academy - West Point (USMA)
Westover AFB (KCEF)
Boston–Logan Int'l (KBOS)
MIT Lincoln Lab (MITLL)
John F. Kennedy Int'l (KJFK)

McGuire AFB (KWRI)
Atlantic Cape Comm. Coll. (ACCC)
Metron Aviation
University of Maryland Eastern Shore
Comm. Coll. of Baltimore Cnty. (CCBCMD)
Langley AFB (KLFI)
Ronald Reagan Washington Nat'l (KDCA)
Stanley County Airport (KVUJ)
Elizabeth City State
Seymour Johnson AFB (KGSB)
Cherry Point MCAS (KNKT)
New River MCAS (KNCA)
Charlotte/Douglas Int'l (KCLT)
Pope AFB (KPOB)
Shaw AFB (KSSC)
McEntire ARB (KMMT)
Dobbins ARB (KMGE)
Beaufort MCAS (KNBC)
Atlanta Hartsfield Int'l (KATL)
Middle Georgia College (MGC)
Robins AFB (KWRB)
NSB Kings Bay (SWFLANT)
Nassau Center (NASSAU)
Valdosta Technical College (AATC)
Moody AFB (KVAD)

Cecil Field Airport (CECIL)
Florida Comm. Coll. Jacksonville (FCCJ)
St. Augustine High School (STAUGUSTINE)
Embry-Riddle Aeronautical University
Patrick AFB (KCOF)
Orlando Int'l (KMCO)
Broward Community College (BCC)
Miami Int'l (KMIA)
Florida Memorial University
Miami Dade
Homestead AFB (KHST)

MaxSim: Rest of World Footprint

Aurora: Key Customers

- In partnership with Lockheed Martin, provides Aurora to manage US Oceanic airspace for the FAA
- Aurora is the core software for this program
- Program renewed in 2013 for a further 8 years

- Adacel modernized Portugal's ATM system for the North Atlantic Santa Maria Oceanic flight region
- A single integrated system for oceanic, en-route, approach and tower control
- Recurring source of on-site support and upgrade revenue

- Adacel was awarded the contract by the Directorate of Air Navigation Services of France (DSNA) for the deployment of a new ATM system for Cayenne, French Guiana.
- The contract is the first in a series planned by the DSNA to modernize ATM systems in the overseas territories of France.
- Adacel is one of three companies prequalified

Aurora Global Footprint

1 - ISAVIA – Reykjavik
2 - Nav Portugal – Santa Maria
3 - Airways New Zealand – Auckland
4 - FAA ATOP/Ocean21 – New York
5 - FAA ATOP/Ocean 21 – Oakland
6 - FAA ATOP/Ocean 21 – Anchorage
7 - Airports Fiji – Nadi
8 - DSNA Fr. Guiana – Rochambeau
9 - Norway's Avinor

Systems Upgrade Products

Speech Recognition Portfolio
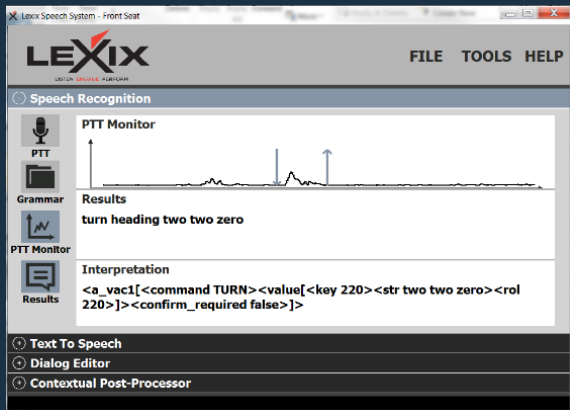
- Lexix is Adacel's name for its range of stand-alone speech recognition solutions that have the capacity to be sold into all of our existing markets and provide an expansion path into new domains

- Both MaxSim simulators and aircraft cockpit domains currently include speech recognition technology

- Delivered the speech recognition software for a number of aircraft including the F-35 Joint Strike Fighter, the Aermacchi M346 and the Boeing Apache helicopter

- As the market for the use of human-to-computer voice interaction in aviation continues to grow Adacel are well positioned as a proven market leader

Insight – Adacel Common Image Generator

INSIGHT
HIGH PERFORMANCE RENDERING ENGINE

- Adacel's image generator software used across the product range

- Expanded revenue opportunities in other visual simulation markets

- Increased margins on system deliveries

- Adacel retains control of feature development

- No third party license fees for visual simulators

- Advanced feature set

- Large potential for existing customer database upgrades

ADACEL

Existing Database: Standard Installation
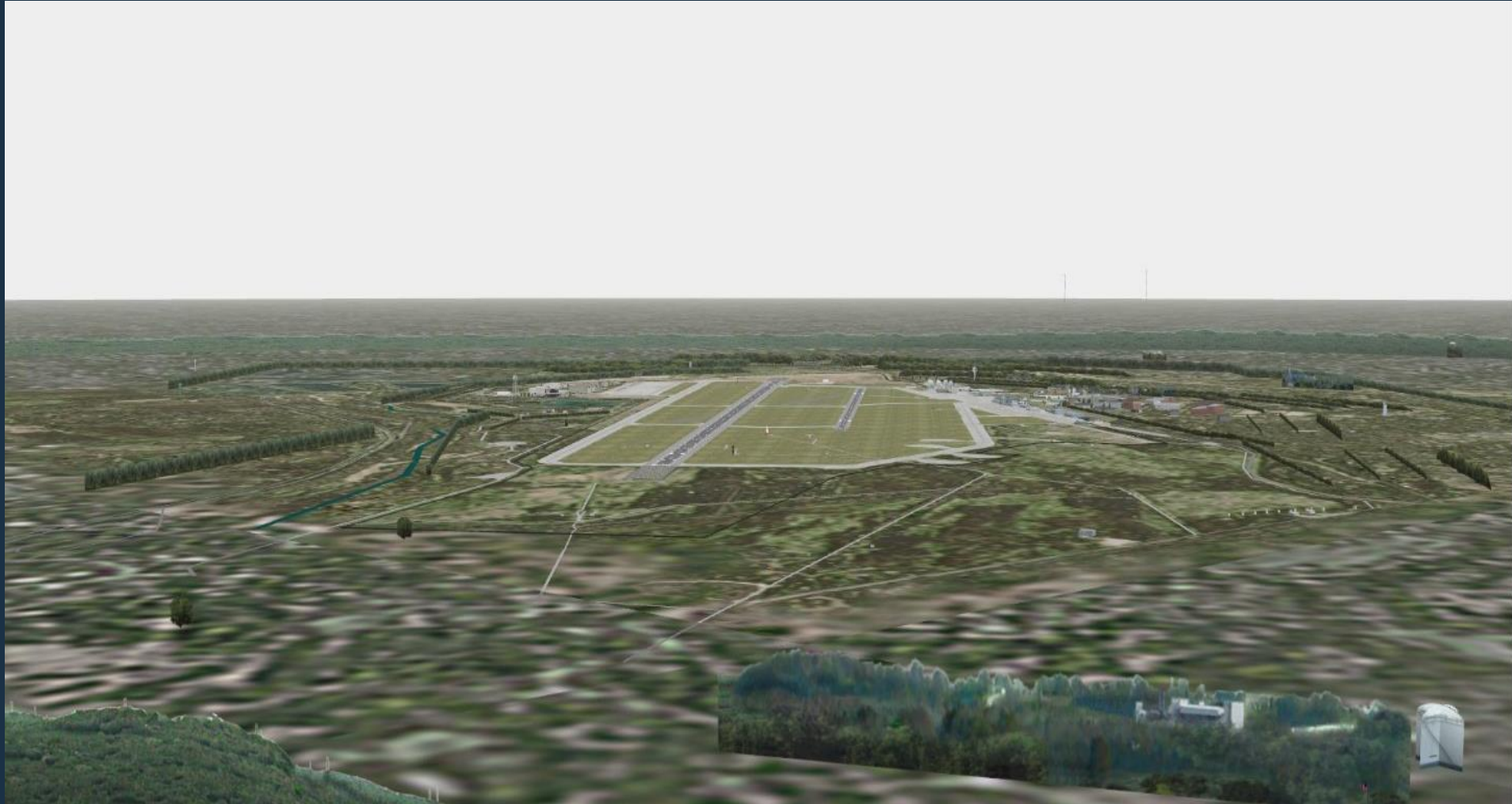
New Database: Upgraded Standard

Other Products

- Security Simulation

- Air Traffic Environment for Flight Training

- AeroDrive – Airport driver training system

- Virtual and Augmented Reality Support

- Voice Activated Cockpit

Services

Services

Adacel's increased focus on high-quality post-sales service and support has expanded the Company's addressable market and transformed its revenue mix, while creating a strong base of high-margin, annuity-like revenue

Extended System Support	Field Service Support
Numerous extended support programs offered to customers • Field service representatives • Software and hardware extended warranties • Annual maintenance services • Remote system maintenance • Telephone support • Software upgrade services	**Field training services** • System maintenance • System operator • Operator and scenario creation training **Field service representatives** • Support personnel are co-located at the customer's site to provide support services on an ongoing basis

Growth

Growth

- High level of visibility for new systems
- High level of visibility for systems upgrades with existing customers
- Continual expansion of ATC and ATM markets
- Expansion into new product offerings
- Improved competitive position in existing markets
- Leverage past performance qualification to secure additional contract vehicles

ADACEL

Questions?

ADACEL