



Briefing for the LAWA Board of Airport Commissioners

Information Management and Technology

June 22, 2009

Purpose of Briefing

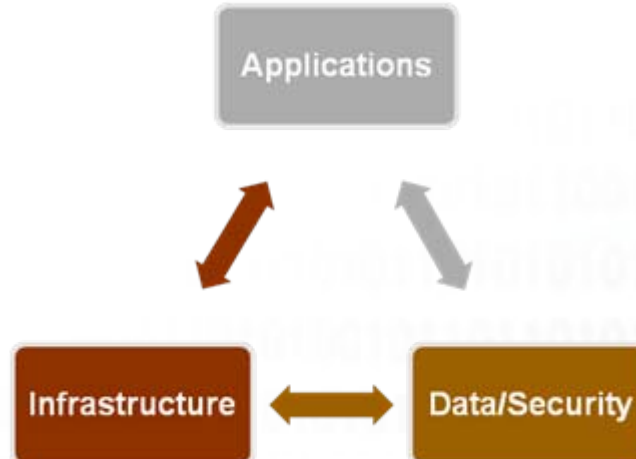
- Provide a non-technical overview of the LAWA IT environment
- Steps leading up to BOAC decisions on IT
- Preview of upcoming IT decisions

Overview

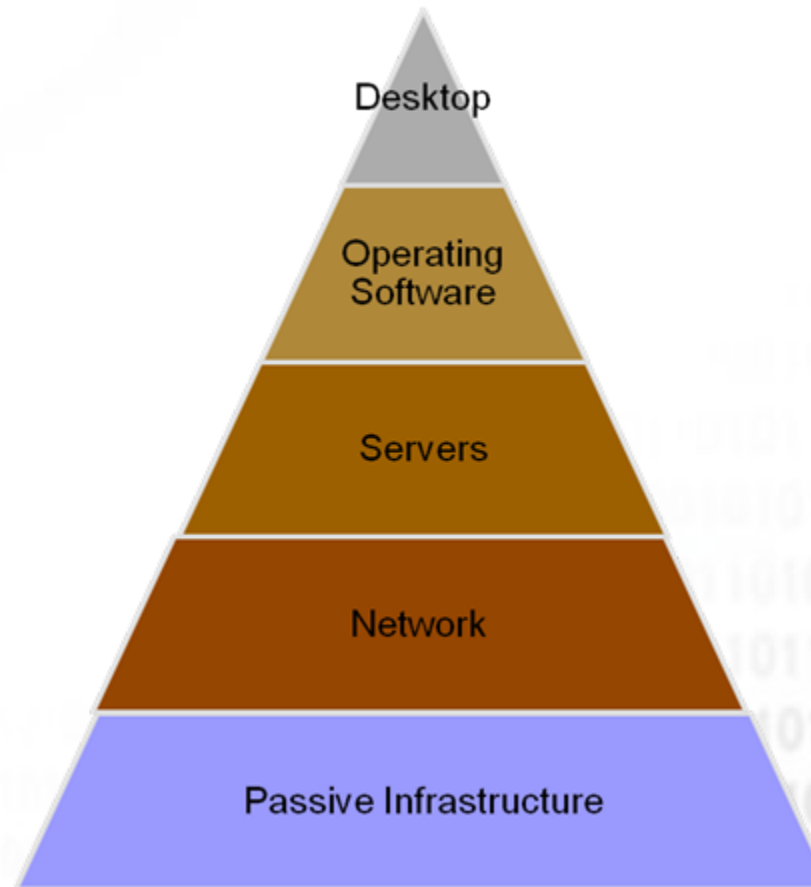
- Virtually every airport activity has an information technology connection
- LAWA employees, Airlines, Federal Agencies, Concessionaires, Lessees, Support Services, Passengers and much of the surrounding community are impacted by LAWA technology every day
- New airport technologies are emerging daily
- External requirements often demand technical solutions
- Keeping our airport business ahead of the industry curve usually means embracing a new technology

IT Environment

- ❑ Infrastructure – Underlying technology
- ❑ Applications/End Use
- ❑ Data/Security



IT Infrastructure



LAWA Applications



Resource Planning

Examples – Accounting (SAP), Financial Reporting, HR, Payroll, Invoices/Procurement Wizard, Risk Management

Airfield/Terminal Operations

Examples – Common Use, Flight/baggage/gate information displays, Paging, Baggage carousel and gate usage assignments

Landside Operations

Examples – Parking Revenue Control, Automatic Vehicle Identification, Traffic monitoring, FlyAway Bus Ticketing

Public Safety

Examples – Access Control, CCTV, Image management, Emergency 911 communications, CAD, Alarm Monitoring, Badging

Facilities/Airport Development/Commercial Development

Examples – LUSAD, Construction Approval Permitting, Primavera, Prologue, EnergyPro, Pavement Management, Work Order system

LAWA-Wide Communications/Desktop Tools

Examples – Telephones – desktop, cell phones, Blackberrys, Radios, E-mail, Internet and Intranet, mass communications, BOAC support systems, Audio/Visual support systems

LAWA has over 260 applications in use

IT Systems/Data Protection

- Application Security
- Network/Wireless Security
- Physical Security
- Disaster Recovery
- Business Continuity



Purpose of Briefing

- Provide a non-technical overview of the LAWA IT environment
- Steps leading up to BOAC decisions on IT
- Preview of upcoming IT decisions

Life Cycle Management of LAWA Information Technology



Purpose of Briefing

- Provide a non-technical overview of the LAWA IT environment
- Steps leading up to BOAC decisions on IT
- Preview of upcoming IT decisions

LAWA IT Strategic Plan

General Areas of Focus

- Critical management tools – Airport Operations and Administrative
- IT infrastructure
- IT Security/Business Continuity
- Maximize benefits from existing investments

Looking Ahead

LAWA –wide

- Electronic document management
- Asset management
- Geographic Information Systems

Airfield/Terminal Operations

- Common use technology, LAWA Operation Centers, Paging, In-Line baggage support

Landside Operations

- Automatic vehicle identification system, Parking Revenue Control System, Van Nuys Parking System

Looking Ahead

Public Safety

- Access control system, badging system, CCTV and image storage, integrate access control with CCTV & dispatching

Airport Development

- IT infrastructure, system and application solutions (TBIT Modernization and extending to Bradley West), IT Hub Relocation, Central Utility Plant (CUP)

Facilities Management

- Pavement management, environmental and noise management, building management system

Commercial Development

- Property and concession management applications

Looking Ahead

LAWA Communications

- Radios, Voice Over IP, continued internet and intranet improvements

IT Infrastructure

- Wired/wireless network, Data Center, expand passive infrastructure, upgrade telecom rooms

IT Security

Questions