Leidos Airport Solutions

**Security**

1. **Video Surveillance**
   - IAMS improves management of the entire video surveillance system, from closed-circuit TV to perimeter intrusion and breach management.

2. **VACIS® XPL**
   - Screening system that scans vehicles for weapons, explosives, drugs, and other threats. VACIS scans entire vehicles in seconds as they drive through without stopping.

3. **Reveal® EDS**
   - 3-D imaging detection system scans up to 1,000 bags per hour, helping security personnel detect explosives and other threats in all checked luggage.

4. **Security Screening Checkpoint of the Future**
   - Unmanned security checkpoints use radio waves and other low-impact technologies to scan for potential hazards as passengers proceed through on a moving walkway.

5. **Fuel Management**
   - Varec's 9540 In-trap Computer (ITC) provides real-time logistical and fuel load data in addition to an electronic ticketing system; it automatically performs and validates fuel calculations to help reduce data entry errors.

6. **Varec Foreign Object Debris Detection**
   - Proprietary system helps airport officials detect debris or wildlife on runways. Radar and cameras run sophisticated algorithms to identify and pinpoint objects on the runway, even at night or in bad weather.

**IT**

7. **Tail-Forward Coverage**
   - Ensures that planes have wireless coverage from the tail forward to the boarding area. This allows airline staff to use hand-held devices to scan and load bags.

8. **Land-Mobile Radio Infrastructure**
   - Connectivity eases ramp control, which allows airport and FAA employees to talk to airline staff and others on the ground to coordinate operations and aircraft movement.

9. **Information Displays**
   - Real-time announcements and updates on arrivals, departures, and gates are deployed to visual displays throughout the airport.

**Air-Side**

5. **Concourse A**

**Facilities**

10. **HVAC & Lighting**
    - Smart temperature and lighting solutions installed throughout the airport keep every space comfortable and performing at the highest efficiency and minimal cost.

**Integrate Airport Management System (IAMS)**

IAMS is the centerpiece of an intelligent airport. It takes all of the disparate systems and applications and integrates them into a single platform that improves data collection and sharing, organizational connectivity and efficiency, and overall situational awareness.