COLLABORATION
What does collaboration mean?
Another Report on ERAM: Late and Over Budget
FAA LIFECYCLE MANAGEMENT PROCESS

Legend
1. Concept & Requirements Definition Readiness Decision
2. Investment Analysis Readiness Decision
3. Initial Investment Decision
4. Final Investment Decision
5. In-Service Decision
Host is History: ERAM Finally Takes Over

FAA upgrades air traffic control to reduce delays, save fuel

Bart Jansen, USA TODAY  Published 12:47 p.m. ET April 30, 2015 | Updated 1:19 p.m. ET April 30, 2015

In an effort to reduce flight delays and save fuel, the Federal Aviation Administration officially switched to a new air traffic control system Thursday for the 20 regional centers that direct high-altitude planes between airports.

The nearly $2.5 billion system called En Route Automation Modernization (ERAM) has three times as many sensors to track planes more precisely, which enables planes to fly safely while closer...
Data Comm Now at Washington Dulles

September 27 – The revolutionary NextGen technology called Data Communications (Data Comm) is now operational at Washington Dulles International Airport.

“There is tremendous benefit in this change in the way pilots and air traffic controllers communicate,” said Jim Eck, Assistant Administrator for NextGen. “Data Comm will allow passengers to get off the tarmac, into the air and to their destinations more quickly. Airlines will be able to stay on schedule and packages will be delivered on time.”
Harris Awarded Contract from FAA for NAS Voice System

by Bill Carey - August 30, 2012, 4:25 PM

The FAA awarded Harris a contract on Tuesday potentially worth $291 million to replace legacy voice switches at ATC facilities with an Internet Protocol-based network under the National Airspace System Voice System (NVS) program, considered foundational to the NextGen ATC modernization effort. Current voice switches, some dating to the early 1980s, operate independently at individual ATC facilities.

The FAA described the NVS replacement as a “major modernization” that will enable the agency to route, monitor and share information from one facility to another. It will also allow the FAA to shift controller workload among facilities as needed.

Harris, of Melbourne, Fla., said it will provide a secure, IP-based voice communications network based on its commercial off-the-shelf systems at ATC towers and terminal and en route facilities. The NVS contract has a five-year base and five two-year options, with a potential overall value of $291.6 million. Harris is already the prime contractor for the FAA’s Telecommunications Infrastructure, and is competing against ITT Exelis and Lockheed Martin for the agency’s pending Data Communications Integrated Services contract award, another NextGen foundational program.
Raytheon installs advanced ATC systems at Hartsfield–Jackson airport

Security technology developer Raytheon has deployed Standard Terminal Automation Replacement System (Stars) at the Terminal Radar Approach Control (Tracon) site of Hartsfield-Jackson Atlanta International Airport (ATL), US.

The Stars system has, so far, been installed at 168 facilities, under the Terminal Automation Modernization and Replacement (TAMR) contract awarded by Federal Aviation Administration (FAA) to Raytheon.

"Creating an effective, advanced and streamlined system, all while maintaining outstanding safety standards, is a key goal of the FAA's Next Gen initiative."
FAA Deploys New Time-based Air Traffic Metering System

by Chad Trautvetter - August 22, 2013, 3:40 PM

The FAA has begun initial deployment of a new time-based flow management (TBFM) system that the agency says will optimize the flow of aircraft into busy airspace. TBFM, which was recently installed in all 20 en route air traffic control centers, supersedes the three-year-old traffic management advisor “as a time-based scheduling tool that meters aircraft through all phases of flight to deliver the correct number of aircraft to airspace sectors and down to the runway at the exact pace at which the aircraft can be accommodated.”

According to the FAA, time-based metering allows air traffic controllers to manage aircraft in congested airspace more efficiently by smoothing out irregularities and delivering a more consistent flow of traffic down to runways. Notably, TBFM’s “coupled scheduling” feature extends the practical range of metering by providing the capability to adapt meter points as much as 400 nm from the arrival Tracon boundary, allowing for earlier integration of arriving traffic.
Lockheed Martin wins $344m NextGen contract from FAA

American aerospace, defence and security company Lockheed Martin has secured a $344m contract from the US Federal Aviation Administration (FAA) to develop and deploy a new NextGen technology for facilitated aircraft movement at an airport.

The new technology will enhance the efficiency of both departures and arrivals, as well as the ground movement of airplanes.

NextGen will not only help save time for the passengers but also reduce the impact of flights on the environment by lowering both carbon emissions and noise levels.

"This will help the airports better handle more than 40,000 flights every day."
FAA Will Evaluate 'Counter-UAS' Technology at Denver Airport

by Bill Carey - November 9, 2016, 10:53 PM

Components of Gryphon Sensors’ Skylight drone detection system stand on display at the UTM conference in Syracuse. (Photo: Bill Carey)
Space

FAA challenged by growing commercial space industry

By Mark Rockwell  Feb 07, 2017

Space traffic is on the rise. The Federal Aviation Administration saw a 55 percent increase in the number of launch applications filed by private companies in fiscal 2016 compared to the year before, according to the agency’s administrator.

Those applications, according to FAA Administrator Michael Huerta’s remarks at the 20th Annual Commercial Space Transportation Conference in Washington, D.C., covered a range of ever-more diverse space vehicles from reusable and small-payload rockets, to high-altitude balloons and space vehicle carrier aircraft.

The SpaceX Dragon launches at Cape Canaveral in April 2016. (Image courtesy: NASA)
What does it take to collaborate?
FAA Urged to Focus NextGen Air-Traffic Project on New York Skies

by Alan Levin
February 22, 2017, 12:21 PM EST

Project could ease airport congestion, FedEx executive says
Noise complaints, technical challenges loom for any changes

The new head of a panel advising the government on modernizing air-traffic control is calling on the U.S. to take on one of the most difficult political and technical challenges: the crowded skies around New York.

Seventy-eight percent of airline delays start in the region and efforts to improve the aviation system need to start there, FedEx Corp. Chief Operating Officer David Bronczek said at a Wednesday meeting of the NextGen Advisory Committee in McLean, Virginia.
Is collaboration just within the ANSP?
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