



## NextGen Technology Will Make Our Skies Safer and Less Congested

An antiquated air traffic control system that is dependent on ground-based radar technology is threatening the safety and efficiency of our airports and thus stifling the economy of the entire nation. The Federal Aviation Administration's Next Generation Air Transportation System – called NextGen – will reduce congestion in our airspace by utilizing satellite communication technology to inform air traffic controllers and pilots of the exact location of aircraft within 150 miles.

### NextGen Technology is Vital to Our Nation

For the health of our nation's economy and future air traffic growth, we must act now to bring NextGen technology to our airports. NextGen incorporates an advanced GPS to help air traffic controllers space aircraft adequately utilizing digitally broadcast information about each aircraft's position, altitude, direction of movement, and horizontal and vertical speed. This information is combined with overlays of weather conditions and topographic maps to produce detailed pictures of the surrounding airspace. Air traffic controllers and pilots can move aircraft into and out of airports more expeditiously and are able to identify potential problems quickly and safely. This technology is already being used successfully all over the world and here in the United States by UPS in Kentucky, by small aircraft in Alaska, and by helicopters serving oil rigs in the Gulf of Mexico.

### We Advocate for the Speedy Implementation of NextGen

The National Alliance to Advance NextGen is advocating that Congress pass FAA Reauthorization legislation that includes wide-ranging NextGen initiatives. The Alliance is urging organizations to provide critical public support to ensure that NextGen is developed and implemented as quickly as possible, starting with airspaces most in need such as the congested and delay-prone metropolitan New York, San Francisco and Los Angeles areas. As part of the FAA Reauthorization legislation, NextGen will need a long-term, multi-year commitment from Congress and the Administration. Total funding is expected to be \$8 billion to \$10 billion for the first 10 years and \$15 billion to \$22 billion through 2025.

### Act Now and Join Us

When you join the National Alliance to Advance NextGen, you are joining a team of industry professionals who advocate for investing in an efficient, modern, and safe air traffic control system that will boost a healthy economy and sustain future aviation growth.

Go to [panynj.gov/NextGenNow](http://panynj.gov/NextGenNow)