Room to grow
The Next Generation PC-12 NG will serve you for years. As requirements change, new functions and capabilities can be added through Primus Apex’s unique system architecture:

- Cockpit Display of Traffic Information
- Synthetic Vision for Lower Minimums for Enhanced CAT I capabilities
- Data Driven Charts
- TCAS II Traffic Computer
- 2D/3D Airport Moving Maps
- Smart Landing/Runway
- ADS-B in

There’s more
Along with the traditional flight deck capabilities and the world-class INAV, Primus Apex offers the following unique features:

Flight deck
- Up to four displays provide all flight information in an easy-to-read format
- Intuitive graphical interface and wide viewing angles make cross-cockpit scanning a snap
- Easy-to-use workflow-based design reduces pilot workload

Traffic Collision Avoidance System (TCAS)
- TCAS I provides real-time updates twice per second

Enhanced Ground Proximity Warning System (EGPWS)
- Class A or B Terrain Awareness Warning System (TAWS) offers high resolution worldwide terrain database with over 500 million hours of proven field use

Optimized Flight Management
- Phase of flight management philosophy
- Graphical flight planning integration with INAV interface
- Easily managed by pilot

Operation and Maintenance Integrated Crew Alerting System
- Central aircraft maintenance system

Worldwide customer support
Honeywell’s avionics are based on proven technology providing exceptionally high reliability and simplified maintenance. When service is needed, our customer engineers and service centers are located around the world to provide efficient, responsive support.
PC-12 NG owners and operators will appreciate the improvements Pilatus has made to this aircraft. They’ll also appreciate the way it makes navigation more manageable and safer.

If you’ve just started thinking about purchasing a new PC-12 NG for its versatility and performance, congratulations. You’ll be equally pleased with the Primus Apex® integrated flight deck by Honeywell.

Designed in partnership with Pilatus, Honeywell’s Primus Apex for the PC-12 NG offers owners and operators new technology, features and capabilities only found in the industry’s most advanced aircraft.

These functions include: SmartView™ Synthetic Vision System, Enhanced Cursor Control Device, wireless apps, Interactive Navigation (INAV) including on-screen graphical flight planning, dual RNAV, coupled VNAV, Satellite-Based Augmentation System (SBAS)/Wide Area Augmentation System (WAAS) LPV approach capabilities, Enhanced Video System and Steep Approach.

No matter how much you enjoy the ride, you’ll appreciate the journey even more.

This unique Apex architecture ensures PC-12 NG owners that it is easily modified to adapt to the constantly changing airspace environment.

More than just a pretty picture

Derived from technology developed for the Primus Epic® system, Primus Apex delivers growth for new functions through software upgrades versus downtime of adding or replacing hardware. Unsurpassed graphical displays in the ergonomic and stylish cockpit provide the ultimate flight experience and capabilities for pilots.

Two Primary Flight Displays (PFDs) and two Multifunction Displays (MFDs) with crystal-clear data and wide viewing angles for exceptional cross-cockpit scanning

Unsurpassed integration of aircraft systems — including safety sensors, navigation and terrain database information for increased safety and situational awareness.

Incorporates the latest Communication Navigation Surveillance/Air Traffic Management (CNS/ATM) operational requirements such as enhanced surveillance.

Central Maintenance System (CMS) provides simplified diagnostics

Efficient, friendly, and reliable

Working with Pilatus, we have incorporated utilities such as environmental controls, cabin pressure and external video systems. These technologies are integrated and easily controlled/monitored through the MFD for ease of usage and reduced pilot workload.

See more clearly and fly safer

Honeywell’s SmartView™ Synthetic Vision System is the industry’s first certified and proven synthetic vision system. Its natural and intuitive 3D terrain display on the Primary Flight Display (PFD) complements lateral and vertical situational views by synthesizing key flight information for the crew and delivering it in an easy to understand way. SmartView is a revolutionary product which will increase situational awareness.

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Primus Apex Options – Upgrade your PC-12 NG

What’s new

SmartView™ Synthetic Vision system for increased situational awareness

Wireless connectivity package using Aspen CS700P and experience faster loading times

ADS-B out feature that continually broadcasts aircraft position and other data to any aircraft or ground station equipped to receive ADS-B

Other available options

Video input

Electronic charts and maps

XM® Weather

LPV approaches

Electronic checklist

Terrain and flight plan vertical profile

Co-pilot primary flight display

2nd FMS

Coupled VNAV/VGP

Steep Approach

TCAS I / TASWS B Combo

TCAS II

TAWS A – Terrain Awareness Warning System
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