



PATHFINDER...More Than Mapping

***Bendix*King**[®]

© Honeywell UK Limited [Skyforce] 2013

Honeywell

Pathfinder... More Than Mapping

▪ WHAT ARE YOUR NEEDS...

- Developing a new platform, do you need a tactical mission system?
- You have a Sentinel or Observer and need a training platform ?
- Wish to be able to interface to aircraft from tablet to platform?
- Want to enhance your own mission product capability?

▪ WHAT WE CAN OFFER...

- A software platform that is adaptable, scalable and platform agnostic
- A software team that can work with you to provide solutions
- A solution that is supportable from an Aerospace Leader
- A significant reduction in your development costs
- Call +44 (0)1243 783763 or email mission.systems@honeywell.com

Pathfinder... More Than Mapping

■ APPLICATION RANGE

- You are limited only by your imagination, Pathfinder can be your solution.....



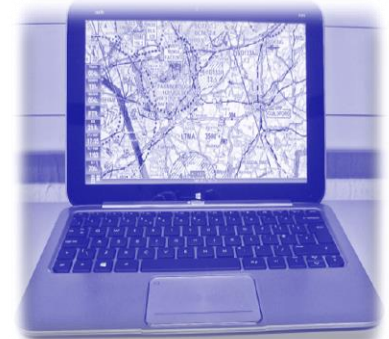
Pathfinder... More Than Mapping

- Pathfinder, is a suite of software that offers a solution to your tactical mapping needs, we bring all the functionality of Honeywell's in service proven and certified Sentinel and Observer Software to your mission hardware platform at a fraction of the time and cost of a bespoke solution.
- With our extensive experience of providing intuitive systems and a range of options covering every type of scenario, Pathfinder is the logical choice. Not only do you get a mapping and if required a sensor interface package that works from the first install, you get the technical support of an established team who have extensive knowledge in the field.
- With scalable resolutions from VGA to HD and code that can be certified to the level required for your application, we can offer a package to suit your display needs and budget. Couple this with our ability to provide custom mapping packages and you have a one stop shop for your mission needs

Pathfinder... More Than Mapping

■ APPLICATIONS

- Embedded Processors (Partitioned Operating Systems)
- Smart Mission Displays (Embedded Operating Systems)
- Tablet PC's (Windows 7 and 8 Operating Systems)
- PC Based Training Emulation
- Tablets (NOT AVAILABLE)



■ ROLES

- Pathfinder can run on Smart Displays or Utility Graphics Cards as part of integrated platform avionics.
- Pathfinder also offers a new way to look at your mission and training needs, it offers an entirely flexible solution that can be configured to the platform or task.



Pathfinder... More Than Mapping

■ TECHNICAL INFORMATION

- Pathfinder as an application is intended to run on almost any commercial or airborne certified operating system with only minimal changes. The application runs as a single process, with a regular interrupt provided by the operating system, the type of interrupt being configurable to the selected operating systems.



Pathfinder... More Than Mapping

▪ TECHNICAL SUMMARY

- Pathfinder runs efficiently on a processor clock speed of greater than 1GHz and a minimum of 256MB of RAM
- Pathfinder requires access to a large amount of stored mapping (Gigabytes) and data sets that can be accessed quickly.
- Pathfinder requires control from input devices the source can be touch screens, controllers, or cursor control devices as required by the application.
- Pathfinder can be configured to receive data from many different external devices, the software configures this data into a common format.
- Pathfinder software is designed to RTCA DO178 Level D, but when running on a third party commercial operating system will be Level E;
- Higher levels of certification for specific applications can be supported.

Honeywell

www.honeywell.com

