

Frequently Asked Questions

ESRI and Xplore Technologies 2008 Mobile Government Demonstration Project Grant Program

What are the benefits of using the Xplore Technologies rugged laptop?

Key Utility Benefits:

- Decrease reliance on paper forms and binders.
- Improve accuracy of data collected.
- Map and manage field assets more effectively.
- Retrieve reference material, schematics, and other critical information faster.
- Automate work orders.
- Improve the efficiency of mobile personnel.
- Experience lower total cost of ownership over the life of a project.
- Achieve faster return on investment.

What are the key product features of the Xplore Technologies rugged laptop?

Key Product Features:

- Sunlight readable displays
- Durable, rugged design from the inside out
- Large storage capacity
- Flexible user interfaces
- Adaptable docking solutions—vehicle, office, and warehouse

What are the configurations for the Xplore Technologies rugged laptop?

The iX104C3V with Xplore's AllVue technology includes Microsoft Windows® XP Tablet PC edition, Intel® Pentium M 738 (1.4 GHz) processor, 10.4" XGA transmissive indoor/outdoor readable display, pen, UL1604 (Class I, Div 2), Atex (Zone 2, Category 3), IP 65, AC power adapter, North American power cord, hard drive heater, 80 GB HDD/1GB DDR RAM, 55 Wh battery with tablet, standard 802.11abg (North America), Bluetooth, three-year warranty

What is ESRI's ArcGIS Mobile Software Developer Kit?

ArcGIS Mobile features a Software Developer Kit (SDK) that is installed as part of ArcGIS Server. The SDK can be used to create and deploy focused mobile applications that can operate in a connected or disconnected environment. Using the SDK, developers can build geocentric applications that provide basic GIS functionality including map display and navigation, Global Positioning System (GPS) support, and GIS editing. The SDK can also be used to enhance existing nonspatial line-of-business applications, such as customer relationship management and field service automation systems, with geospatial capabilities.

What is ArcPad Application Builder?

Effective mobile GIS workers require applications and tools that have been customized for a specific field task or project. ArcPad Application Builder is the development framework for creating custom solutions for mobile GIS applications and tasks.

What can I do with ArcPad Application Builder?

With ArcPad Application Builder, you can

- Design custom forms to streamline data collection and ensure data integrity in the field.
- Create new toolbars that contain built-in and custom tools.
- Build applets for field-specific applications and tasks.

- Write scripts that interact with ArcPad software's internal objects.
- Develop extensions to support new file formats, GPS receivers, range finders, cameras, projections, and datum transformations.

Learn more about ArcPad Application Builder by visiting <http://www.esri.com/applicationbuilder>.

What is the ESRI Developer Network subscription?

The ESRI Developer Network (EDN) provides the resources you need to build a complete GIS solution. These resources also connect developers with each other to troubleshoot, solve development problems, and exchange ideas.

EDN offers annual subscriptions that provide a cost-effective way to license ESRI ArcGIS products and tools. The EDN subscriptions and Web site are the ultimate resources for developers responsible for building GIS applications and solutions.

What can I do with the ESRI Developer Network subscription?

With EDN, you can

- Build and deploy custom desktop applications. Configure or customize ESRI's ArcGIS Desktop products.
- Build Web services and other multiuser, server-based applications including mobile.
- Integrate your geospatial information into an interoperable data storage and management framework.

Learn more about the EDN subscription by visiting <http://www.esri.com/edn>.

Included in the ESRI Developer Network subscription is ArcGIS Server and the ArcGIS Mobile SDK.

What is an ESRI Virtual Campus training course?

Since 1998, ESRI Virtual Campus has offered self-paced training over the Internet. Today, more than 300,000 students from around the world get their GIS training on the Virtual Campus.

ESRI Virtual Campus training is an affordable, high-quality learning experience using interactive exercises, examples, and instructional resources to create a rich learning environment. The convenience and ability to learn at your own pace in a dynamic educational environment are hallmarks of Virtual Campus training.

Web courses teach a variety of topics related to ESRI software, the theory underlying GIS technology, and the application of GIS tools in particular fields. Each learning module of a Web course takes approximately three hours to complete. Some Web courses include downloadable trial editions of ESRI software, and many courses offer the first learning module free of charge.

Learn more about ESRI training and education by visiting <http://www.esri.com/training>.

Who is Xplore Technologies?

Xplore Technologies is an innovative manufacturer of rugged mobile computing systems. Xplore's Tablet PC solutions combine patented ruggedization techniques and leading-edge technology. These products are built to operate in physically demanding environments including exposure to vibration, extreme temperatures, moisture, dust, or drops onto concrete. Warranties are supported by independent third-party testing to military standard guidelines.

Xplore's products incorporate integrated wireless capabilities, magnesium alloy housings, shock-mounted hard drives, enhanced XGA displays, Intel processors, and onboard expansion ports. Resistive pen touch and/or inductive pen interfaces are available with these Tablet PCs.

Using Xplore rugged mobile computing solutions enables organizations to

- Access critical information faster.
- Decrease reliance on paper reports and binders.
- Access and maintain GIS information remotely.
- Increase the efficiency of their mobile personnel.
- Better protect their mobile computing investment.

Complete information about Xplore products, services, and technology is available at <http://www.xploretech.com>.

What is the relationship between ESRI and Xplore Technologies?

Xplore is an ESRI corporate hardware partner. ESRI and corporate hardware partners maintain relationships based on operating agreements as well as corporate sales and marketing alliances.

Together, ESRI and Xplore Technologies have streamlined the process of mobile GIS by providing the powerful tools required for today's demanding tasks. This partnership includes the integration of GIS software, rugged Tablet PCs, and GPS technology.