

# Developer Resource Kits



- For C/C++, C#, VB.NET, Java and web development
- Leverage existing expertise in standard development environments like Visual Studio
- Supplements standard tools to provide run-time control of Intermec computer and RFID features
- Sample code, documentation, and utilities to speed development
- Protects your code from hardware revisions
- Consistent operation across supported Intermec products

## Resource Kits from the Intermec Developer Library

Empower your software using Resource Kits from the Intermec Developer Library (IDL) to build innovative applications for Intermec products that incorporate the latest mobile, communication and data collection technologies. Resource Kits include tools and resources to take time and complexity out of application development.

### Leverage Existing Skills

The open architecture of Intermec products allows developers to build software using standard development tools such as Microsoft Visual Studio and standard programming languages including C/C++, C#/VB.NET and Java. Whether building smart client applications for mobile computers, web applications for mobile browsers, or software for RFID readers or other Intermec devices, you can rely on familiar tools to get the job done quickly.

### Get More Control

Often, standard tools don't provide everything you need to meet your development challenges. For example, you may need more control over a device feature or peripheral. Or you could benefit from resources such as code samples, reliable components or utilities to save time, speed development, and reduce testing. IDL Resource Kits extend the capabilities of standard development tools and provide resources to make full use of the powerful features available in Intermec products.

### Develop for Multiple Products

Resource Kits are organized by functionality such as data collection, mobile printing and communications. Each functional kit includes APIs and utilities which operate consistently across supported Intermec products so you can focus on writing code that solves business problems instead of dealing with differences between devices. Use the same resource kit to create applications for Intermec Windows Mobile, Windows CE and legacy computers.

### Future-proof Your Software

Resource Kit APIs remain backwards-compatible through hardware revisions and generations of Intermec products to avoid costly development rework. This stability provides a smooth migration path to the newest Intermec products.

### Backed by Developer Support

When you develop software using Resource Kits, you can rely on support from Intermec's skilled developer support staff. Our online Knowledge Base provides additional developer resources such as FAQs, programming tips and technical articles. With over 30 years of experience, Intermec pioneered mobile development, and is uniquely positioned to provide tools and support that produce high performance mission critical applications that are as tough and robust as the computers they operate on.

## Resource Kits Available in the Intermec Developer Library

Each Resource Kit contains APIs, documentation, sample applications and utilities to help you implement specific features in your software. When used with Microsoft Visual Studio, you'll find integrated online help and access to .NET assemblies directly from the Visual Studio environment. Intermec Resource Kits are available for download from the Intermec Developer Library at [www.intermec.com/IDL](http://www.intermec.com/IDL). There are no design-time or run-time license fees for use of the resource kits shown below.

	Tools for Use with these Development Languages			
	C/C++	C# / VB.NET	Java	Web*
<b>Developing Software for Intermec Computers:</b>				
<b>Data Collection</b>				
Get better run-time control of data collection peripherals connected to Intermec computers. Integrate and manipulate bar code data collected from scanners, collect data from magnetic-stripe card readers, capture pictures from imagers.	•	•	•	
<b>Device</b>				
Generate audio tones, control power and back-light settings, remap default keypad usage and control other device-specific features of Intermec computers.	•	•		•
<b>Networking and Communications</b>				
Utilize for run-time control of I/O ports and 802.11 radio, network and security settings of your Intermec computer.	•	•		
<b>Bluetooth</b>				
Enable/disable the Bluetooth radio. Discover, bond and communicate with Bluetooth peripherals such as scanners, printers and headsets.	•	•		
<b>Mobile Printing</b>				
Print receipts, reports and labels from Intermec computers to portable printers. Supports line and graphics printers as well as secure printing via Intermec's NPCP protocol.	•	•		
<b>Mobile Gadgets</b>				
Speed development of your mobile GUI with electronic ink capture for simple line drawings or signatures, formatted field input and user-friendly picture buttons.		•		
<b>Device Management</b>				
Get and set Intermec Settings configuration information via XML .	•	•	•	
<b>Antares Migration</b>				
Quickly migrate legacy applications developed with the Antares PSK and EZBuilder to Intermec computers. Just recompile in Visual Studio and run.	•			
<b>RFID</b>				
Integrate RFID readers into your supply chain solutions. This kit Includes the RFID legacy APIs and the RFID BRI specifications.	•	•	•	•

\*See Intermec iBrowse, a mobile browser optimized for data collection use, for more information on features available for web applications accessed by Intermec computers.

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