

## **Requirements for desktop/laptop computers**

### **Minimum hardware:**

- 1.6 GHz or faster processor
- 1024 MB of available RAM
- Hard drive with at least 3 GB free space
- Monitor resolution 1024 x 768 or greater

### **Software:**

- Windows 7 or higher operating system
- Internet Explorer 9 or higher
- Adobe Reader 9.0 or greater
- .NET Framework 4.0 or newer
- Microsoft Access 2010 Database Engine or newer (for Eco v6)
- Microsoft Excel for i-Tree Streets
- Crystal Report 2008 Runtime (included in i-Tree installation)
- For PDA users, Windows Mobile Device Center 6.0 or above (included in i-Tree installation)

\*Windows XP is no longer supported by Microsoft and is not compatible with Eco v6 in the i-Tree 2016 installation

## **Requirements for field data collection devices**

### **Smartphones, tablets, and other web-enabled mobile devices:**

- A web browser with HTML-5 compatibility (most recent versions of Chrome, Firefox, and Safari are compatible; IE 9 and 10 have limitations)

The mobile data collection system available in i-Tree Streets and Eco is designed to work with newer web-enabled mobile devices. This is not an app or program that is loaded on a smartphone. The mobile web form system runs on a devices' web browser and relies on internet connectivity, web browser functionality and device data caching capability.

Newer iPhones, iPads, Android and other devices are HTML-5 compatible and have data caching capabilities that allow for data collection to continue if internet connectivity is disrupted in the field. Some devices such as Windows Phone 7 smartphones and older devices are limited and will require continuous connectivity to advance through the online web forms.

You can also test your devices' capability for data collection using one of the example data collection links on the [Mobile Data Collection](#) page. Change to airplane mode after entering data for a tree to see how the browser will function when connectivity is lost.

### ***PDA requirements:***

Older hand-held PDA devices can still be used with i-Tree Streets and Eco v5 (legacy) applications. The PDA utility is not compatible with Eco v6. i-Tree PDA utilities are developed to run on a .NET Framework and due to the variety of devices available, users may occasionally discover inconsistencies running i-Tree applications on some devices.

PDA devices with the following base specifications are recommended for optimal performance and compatibility with i-Tree applications:

- Windows Mobile 5.0–6.5 operating system
- 240 × 320 screen resolution

### ***Requirements for GPS devices:***

Collecting GPS coordinates during an i-Tree Streets project is entirely optional. For those who are interested, GPS-enabled devices running the Windows Mobile 5.0–6.5 operating system or compatible devices paired with NMEA Bluetooth or serial GPS devices may be used.

i-Tree Streets users have successfully used the Trimble Juno SB, Trimble Nomad, Pharos Traveler 525 and MWg Zinc II, among others. Functionality of GPS devices can differ, however, and some devices may not operate as well as others. For example, the Pharos m619 GPS does not work properly with Streets and is currently not recommended.

The GPS functionality of your smartphone or tablet can also be used with i-Tree Streets.

### **Installing i-Tree:**

1. Visit [www.itreetools.org](http://www.itreetools.org) and register on the site by selecting the [register link](#) in the header of the webpage. Website registration is required regardless if you have an existing Forum account.
2. An automated activation link will be sent to you immediately after registering by email from the [info@itreetools.org](mailto:info@itreetools.org) address allowing you to activate your account by clicking on the link embedded in the email. You can log on after activating.
  - **Important** - Please ensure that your firewall or security system will allow you to receive an automated email from [info@itreetools.org](mailto:info@itreetools.org)
  - Check your spam folder if you do not immediately receive the activation link.
  - Please consult with your IT department for guidance on resolving network or institutional security systems that may prevent email communication.
  - The activation link and your registration will expire after 96 hours if not activated. You may attempt to register again after resolving security or communication problems.

If you are still having problems registering, you can test to see if you are on the system database by filling in your email address and the Captcha Text in the **Retrieve Username** dialog box on the Forgot Username webpage <http://www.itreetools.org/forgot.php>

If you receive an email with your correct username, you have registered successfully on the system and may possibly be using the wrong password. Try to then use the **Reset Password** dialog box on the Forgot Username webpage above. *Passwords require a minimum of 8 characters using upper case, lower case and numbers to be accepted.*

3. Once activated and logged on, select the "**Download i-Tree Desktop Suite**" link in the header to download the file to install the software. Alternatively, you can download the file to create an installation CD. Instructions in this document apply to the installation file, and users who wish to create an installation CD should follow instructions on the Download page.
4. Download and save the i-Tree installation file on your computer and then launch. *You may require assistance if you do not have System Administrator rights allowing you to install software.*
5. Follow the on-screen instructions to run the installation .exe file. This may take several minutes depending on which files need to be installed.
6. Follow the Installation Wizard instructions to complete the installation (default location recommended).
7. Refer to the individual manuals for individual application instructions. Manuals are available under the [Resources – Manuals & Workbooks](#) webpage.