Easy Airphoto Mosaics

You can use one software package to create seamless airphoto mosaics.

- **Orthorectify**
- **Mosaic**
- **Color Balance**
- **Compress**
- **Distribute**

But only if that package is ER Mapper!

Perhaps more than any other image-processing application, airphoto mosaicing truly demonstrates the power of ER Mapper. It now takes mere minutes to create seamless mosaics of unlimited size. ER Mapper does it all for you: orthorectification, mosaicking, color balancing and compression. What you produce is an image of the highest quality ready for use in any application, including the Internet or an intranet using the Image Web Server.

As an example of just how easy it is to create airphoto mosaics with ER Mapper, we'll take three images from the recently completed Airphoto Mosaic and Balance Demo CD-ROM and walk through the steps using ER Mapper 6:

**Step 1:** For precision mapping, airphotos must be rectified. Use the orthorectification wizard to easily rectify the airphotos to the proper datum and projection.

**Step 2:** Normally a large number of airphotos are used together in a mosaic. Use the mosaic wizard to automatically create mosaics that cover small or large areas.

**Step 3:** Professional-looking results demand seamlessly blended images with no black borders or color changes. Use the balance...
wizard to automatically color balance the mosaic. The wizard also automatically performs radiometric color corrections (roll-off).

**Step 4:** Once the full mosaic is completed, use the compression wizard to generate a single compressed image. This makes it easier to distribute and use very large airphoto mosaics.

**Step 5:** Using airphoto mosaics in other applications is made significantly easier with ECW application plug-ins. ArcView, MapInfo, Autodesk Map, as well as Microsoft Word and other applications can access the compressed mosaic with these free plug-ins.

"...We looked critically at general attributes such as overall performance, capability under Windows NT, user interface 'friendliness', and price. We also looked in detail at how each product handled our specific needs. In consideration of all of these factors, ER Mapper clearly came out as the leader..."

-- Jan Zukin, Program Manager, Microsoft Simulations Product Unit