



Pictometry Administrative Training

Los Angeles County
Dept. of Regional Planning
GIS Section

Training Objectives

- Brief Introduction of Products
- Discussion: Image Data and GIS Data
- Installation / Upgrade of Applications
- Administrative Applications
- ESRI ArcIMS Integration Information
- Other helpful items

Client Products

- Oblique Imagery
- Electronic Field Study (EFS)
- Pictometry ArcGIS Extension
- Change Analysis
- Pictometry ArcIMS Integration (NIW / ActiveX)
- Configuration Editor
- Sector Planner

Image Data and GIS Data

- You should have already received your copy of the data!
- Training data we will be using today is courtesy of Santa Clarita

Pictometry Imagery

- Consists of OBLIQUE Imagery
- Orthogonal Imagery is NOT from Pictometry
 - Your new Ortho's CAN be incorporated
 - Directions will be provided to you to do so!
 - [WHS-NonPictometry Images](#)
 - Creates a separate 'ortho' warehouse

Installing EFS 2.6

Minimum Hardware Specifications

- Desktops, Laptops and Vehicle Rigs
- Windows NT, 2000, XP
- Pentium III 600MHz (or better)
- 128MB of RAM (256MB or above is best)
- Display Resolution 1024x768 (or better)
- Hard Drive Space (50mb of free space)
- Mouse
- Network Interface Card (wired or wireless)
 - If the imagery library is stored on the network
- Performance of EFS depends on hardware & networking

Installing EFS 2.6

- Let's install EFS! 😊

[\\computername\sharedrive\setup.exe](#)

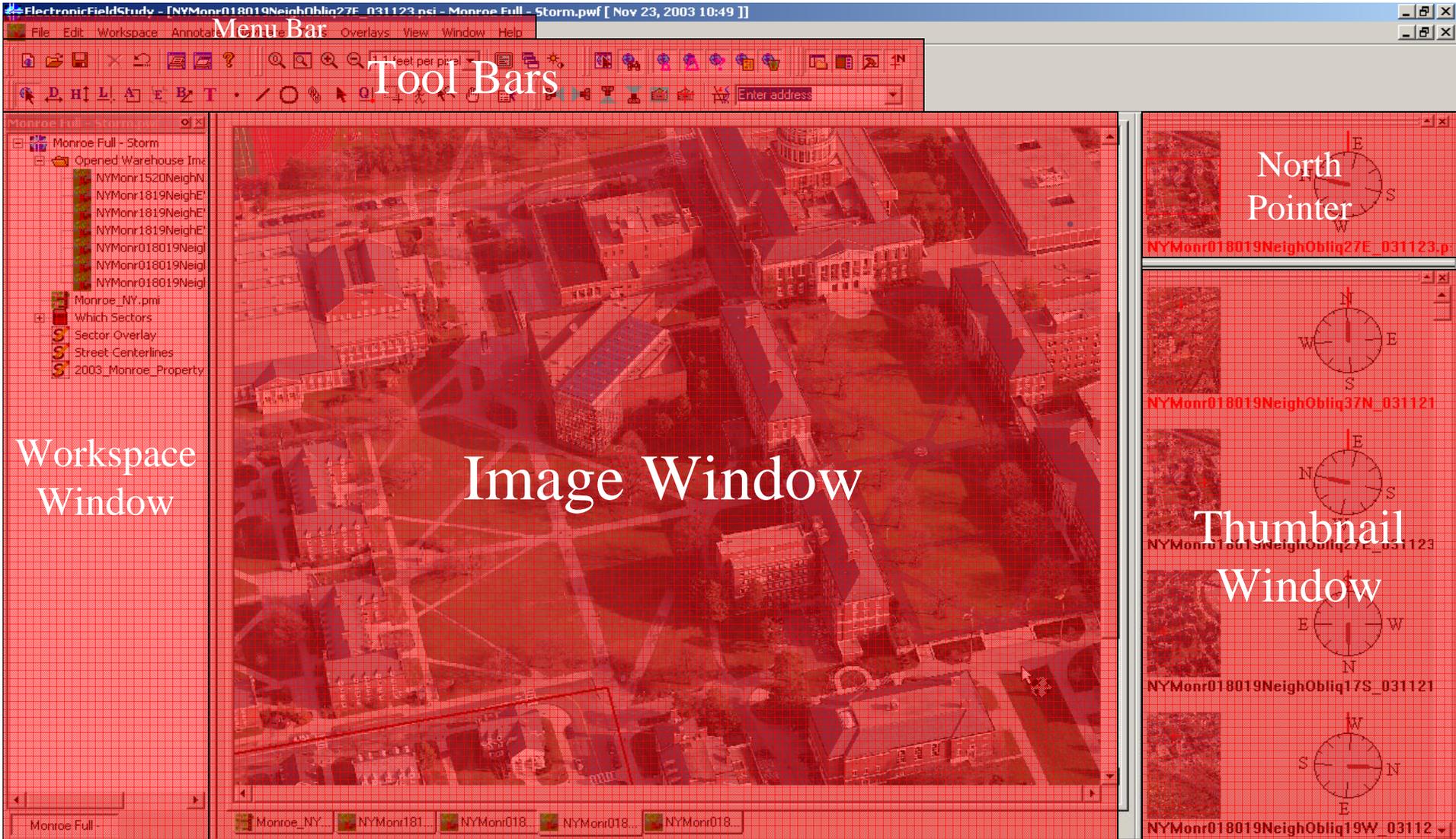
(.pcf file needs to be saved to this directory, also)

Previous Install of EFS?

- You do **NOT HAVE TO** reinstall EFS
- For these machines
 - Simply load New License
 - Start EFS with no workspace
 - 'File' -> 'Load License' -> Browse to UNC path

However Pictometry Recommends

- **Upgrading** to the current revision
 - Version included with the LAR-IAC delivery is 2.6 r4.8
- If implementing a configuration file (.pcf), EFS needs to be un-installed, then re-installed for the .pcf to take effect



Menu Bar

Tool Bars

Workspace Window

Image Window

Thumbnail Window

Output Window

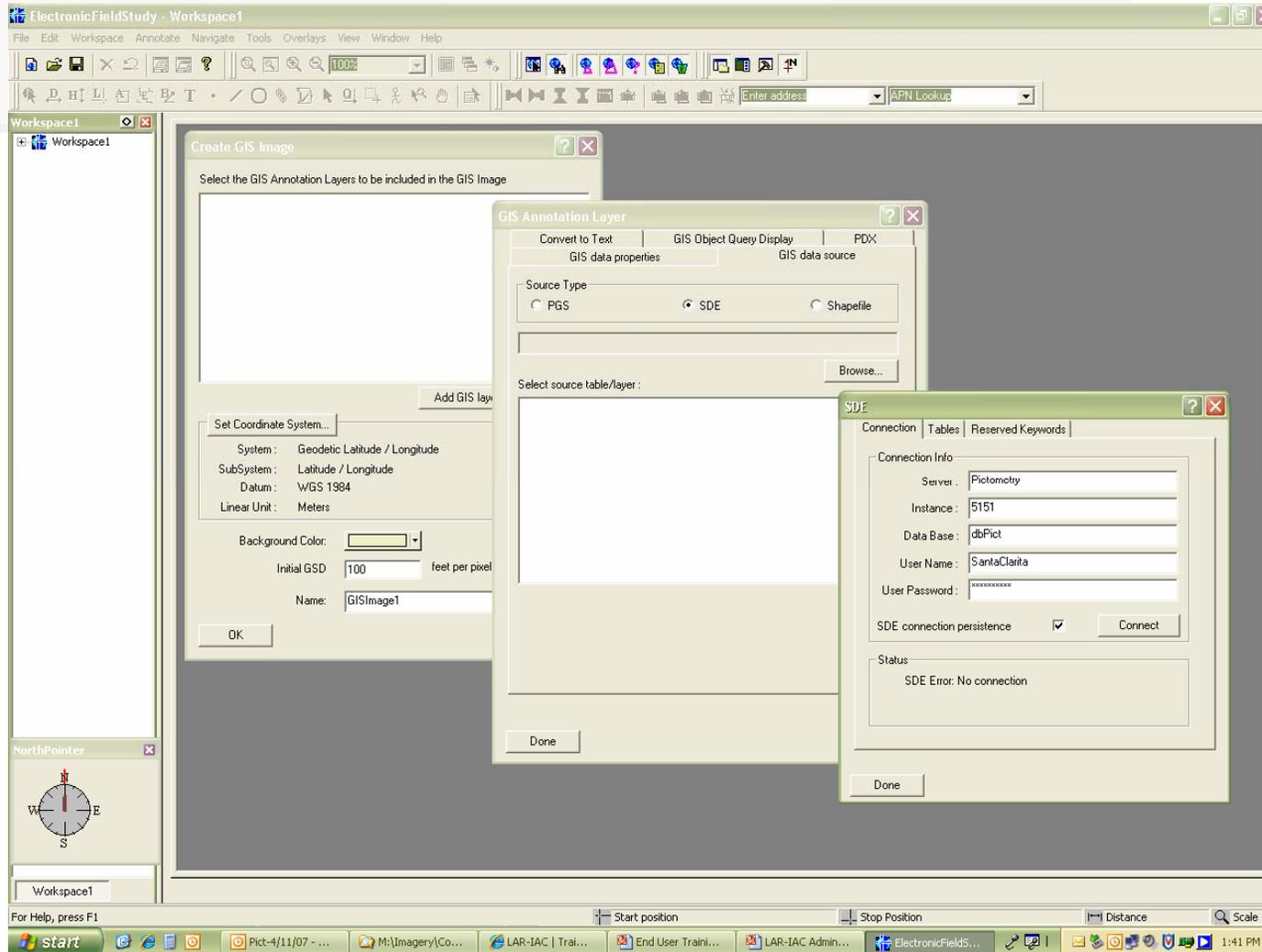
Status Bar

For Help, press F1 | Folder Info | Tool Info | Query Info | 43.128026 N, 77.629657 W deg hem | 43.127535 N, 77.631021 W deg hem | NYMonr018020CommOblic 1:1 feet

Working with EFS

- Workspace files (.pwf)
 - Like an MXD in ArcGIS
 - Like a template Word document
- Need to setup for your users (read-only)
 - They can always “save as” locally
- Does not save EFS settings...only layers within that workspace (very important...login and computer specific)
- Create New Workspace

SDE Connection



EFS - Points of Configuration

- Post-install of EFS requires additional configuration
 - Image Tool Properties (warehouses)
 - If on a network... **use UNC paths** (*not mapped drive letters*)
 - Address Search Setup
 - Any other non-default settings desired

Address Search Functions

- Address Search Setup and Profiles
- Based on GIS Data Attributes
- Search for 'Addresses' based on
 - Parcel or Centroid file
 - Owner, AIN or Address can be searched
 - GeoCode from Street Centerlines

Address Search Functions

- A profile defines one 'search' setup
- Pictometry creates 'index' files (.pdx)
 - MUST be synchronized with GIS Updates
- You can 'export' and 'import' Address Profiles
- You can incorporate them into .PCF files
- Note: This configuration component is an EFS configuration, NOT a workspace item.
- Directions:
 - [EFS 2.6 Supplemental Manual Chapter 2 located in the 'EFS Documentation'](#)

EFS Configuration Editor

- Administrative Tool Only
- Captures desired settings into a file
- The file is a 'Pictometry Configuration File'
- The PCF file is used during the install of EFS on to remaining PCs

Steps for EFS Configuration Editor

- Install EFS, fully configure as desired, then Exit
- Install the EFS Configuration Editor
- Create a PCF file
- Copy PCF into the EFS Installer Folder
 - Only ONE PCF file should be there at a time
- Install EFS on additional machines
- Directions:
 - [EFS 2.6 Config Editor Guide](#)

Change Analysis

- Same requirements as EFS
- Adds a new Image Window Type
- Side-by-side viewing of imagery
 - [Change Analysis screenshot1.jpg](#)
 - [Change Analysis screenshot2.jpg](#)

Change Analysis

- EFS Configuration Editor does **NOT** work here
- Install as an 'Add-On' to EFS
 - Install EFS first
 - Install Change Analysis using the 'AddOn' option (default)
- Will use the critical EFS settings
 - Image Tool Properties
 - Address Search Functions
 - Uses the same workspaces as EFS

Change Analysis

- Install Change Analysis only for users who need it
- The license for Change Analysis is the same as the EFS license

EFS and Change Analysis

- BOTH applications use Pictometry Workspace Files
- The last application 'run' will automatically launch when a workspace is used to start
- To switch, users must start the desired application
 - Go to the 'File' -> 'Open'
 - Or
 - Go to the 'File' -> Recent Workspaces

ArcGIS Extension

- Prerequisites
 - Microsoft .NET 1.1 (ArcMap 9.0 and 9.1)
 - Microsoft .NET 1.1 and .NET 2.0 (ArcMap 9.2)
- Must be installed before ArcMap
 - Or ensure that ESRI's ArcMap .NET is installed
- Run the Pictometry Installer
- Screenshots
 - [ArcGISextension_screenshot1.jpg](#)
 - [ArcGISextension_screenshot2.jpg](#)

Sector Planner

An administrative tool that automates the creation of subwarehouses

- Subwarehouse (.piw) = a standalone subset of your delivery
- Locate or create a shapefile of the boundary of desired area
- Locate available space for the new subwarehouse
- Using Sector Planner, create the subwarehouse
- Directions
 - [Subwarehouse Instructions.pdf](#) (14 pages)
- [Sector Planner Video](#)

ArcIMS Integration

Pictometry's ActiveX Viewer can be incorporated into your existing IMS Website

- Intranet
- Internet
- What we provide
- What you provide
- Directions to ArcIMS Integration Request
 - [LAR-IAC IMS Request.pdf](#)
- [ArcIMS Demo](#)
- [ActiveX_screenshot.jpg](#)

EFS and Change Analysis Documentation

- EFS – separate Documentation Installer
- Change Analysis – Documentation installed automatically

Documentation

- Listing of documentation that we provide
 - [EFS2.6 Quick Start Guide](#) (72 pages)
 - [Pictometry Quick Reference](#) (3 pages)
 - [Pictometry Supplemental](#) (210 pages)
 - [System Administration Guide](#) (Config Editor, 6 pages)
- Can make this available to whomever needs access to it. You can print as many as needed.

A Few More Things

- Your users will try to do the following
 - Print
 - Export
 - Change the interface

There are controls for this...settings to check and maybe lock

- Shared “starter” workspaces should be read-only

Training Related References

- Pictometry FTP Site <ftp://ftp.pictometry.com>
 - User Account: LARIAC
 - Password: CALOSA
- LAR-IAC Website Training Related:
 - <http://planning.lacounty.gov/lariac/training.htm>
- LAR-IAC Website “After Delivery” Items:
 - <http://planning.lacounty.gov/lariac/ad02212007.htm>
 - (This page is only available through this link)

Contact Info

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Thanks for Coming

Questions?