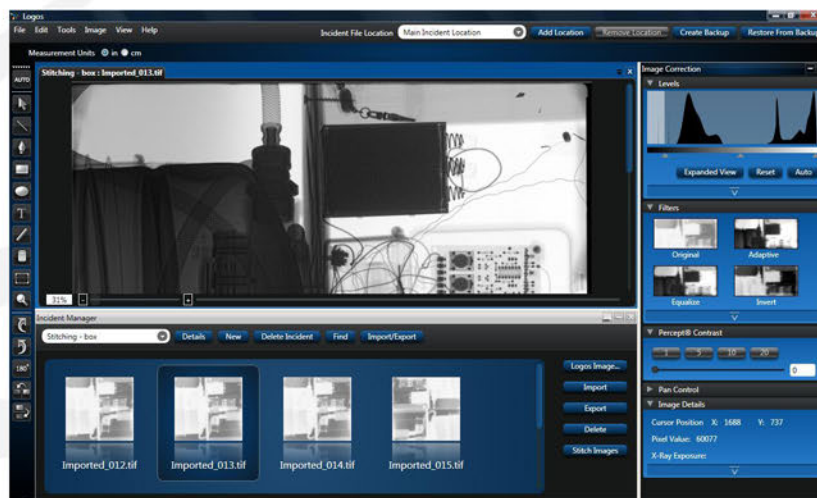


The Logos Imaging Application (LIA) is a proprietary Image Management system designed using Windows Presentation Foundation (WPF). In conjunction with Logos CR and DR imaging devices, LIA is used to create and maintain incidents (security UI) or projects (industrial UI) to store radiographic images. Incidents and projects consist of event specific information (technicians name, location and address, notes, component information, etc.) along with a series of x-ray images. The application also functions as a powerful x-ray image enhancer with image processing filters and annotation capabilities.



## What's New in LIA 6.0

**Database Backup** - Create backups of your incident locations to minimize data loss in the case of a computer failure

**Image Processing History** - View a list of all filters and adjustments applied to an image and choose to turn filters and adjustments on or off individually

**Image Scripts** - Create custom filter scripts to quickly apply proven enhancement techniques to future images

**Line Profile** - Add a histogram map for the points along a line

**Live Measurements** - Add measurements as you draw a line

**Viewer Application** - Export images to external media with a limited functionality image viewing application to allow any user to view images captured in LIA 6.0

The Logos Imaging Application (LIA) allows users to capture, edit, save, and share images captured with all Logos Imaging devices and TWAIN compliant devices. Below is a list of standard features of LIA 6.0.

### **Adjustments**

- Auto Correct
- Auto Level
- Percept Contrast

### **Backup and Restore**

- Create Backup
- Restore from Backup

### **Filters**

- Adaptive Histogram
- Colorize
- Despeckle
- Emboss
- Equalize
- Invert
- Original Image Restore
- Sharpen
- Smooth
- Outline

### **Image Details**

- Cursor Position
- Pixel Value
- X-Ray Exposure
- Image Width and Height
- Created Date
- Pixel Format
- Image Processing History
- Export Image Script

### **Image Levels**

- Histogram
- Expanded View
- Auto Levels
- Brightness
- Contrast
- Gamma

### **Image Management**

- Combine Images
- Copy Selection
- E-mail Images
- Export
- Import
- Image Database
- Image Notes
- Image Stitching

### **Image Rotation**

- 90 CW
- 90 CCW
- 180
- Flip Horizontal
- Flip Vertical

### **Image Viewing**

- Pan Control
- Magnifying Glass
- Zoom In
- Zoom Out
- Fit to Window
- Grid Overlay
- Show/Hide Markup

### **Languages**

- English
- German
- Korean
- Japanese
- Russian

### **Tools**

- Line
- Polyline
- Rectangle
- Region of Interest
- Ellipse
- Text
- Measure
- Calibration
- Line Profile

### **Workspace Layout**

- Menu Bar
- Tools Palette
- Image Pane
- Incident Manager Pane
- Image Correction Pane