

# PAX-it!™

## Application Spotlight

# Welding

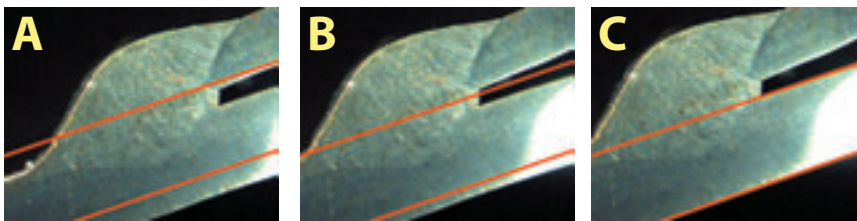
PAX-it™ Image Management Software is a powerful, easy-to-use tool that enhances your ability to quickly and efficiently handle your most critical welding measurement and documentation needs. Your workflow and productivity are greatly improved!



## PAX-it interfaces with a live video camera or digital camera to allow you to:

View objects 'Live' on the monitor, capture images, measure on the images, generate reports, generate presentations, and communicate with other individuals or labs. The PAXcam™ USB® Digital Camera system works seamlessly with PAX-it to capture images directly into the PAX-it database, as well as apply multiple overlays on the live image.

## Specific ways PAX-it can address the needs in your welding lab:



PAXcam's template assists in the alignment of the live image prior to image capture (A,B,C)

**NEED:** Quick method for alignment of weld images for consistent measurement and analysis

**PAX-it SOLUTION:** PAXcam's live video templates allow you to create, save and recall multiple overlays that can be placed over the live preview and be used to align your images simply and quickly. Overlays can be moved and rotated with the click of a mouse.



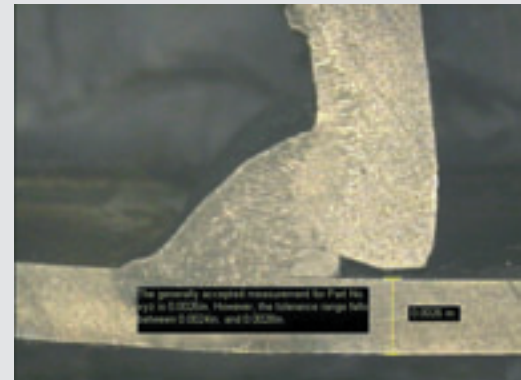
Capture images easily, tag and organize them for easy retrieval.

**NEED:** Simple, efficient capture of multiple welding images as a reference library or for analysis

**PAX-it SOLUTION:** Direct image capture into the PAX-it archive file cabinets and folders. Store images and other files in a searchable database that you design!

**NEED:** Quick comparison and go/no go analysis of welds, prior to image capture!

**PAX-it SOLUTION:** Use PAX-it templates on a live image to save you time, avoiding the capture of unnecessary or unimportant images.



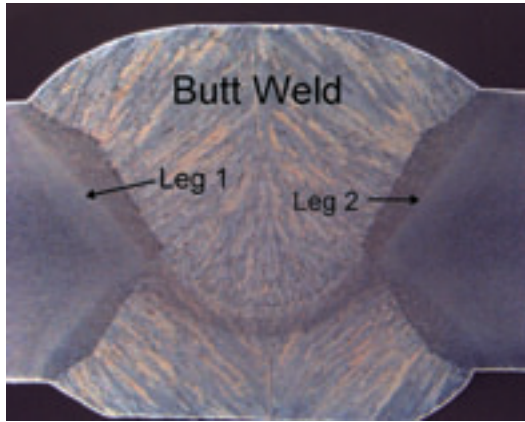
Overlay allows you to compare live image Leg #1 thickness with the standard for quick visual analysis.

Save time by skipping the image capture step

Determine "non-compliance" samples quickly by overlaying go/no-go templates

Reduce space required for image storage

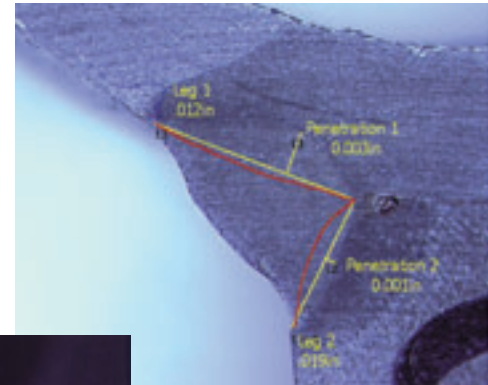
Maintain the flexibility to capture, store, and report with images when necessary



**NEED:** Annotation on images for presentation and reference.

**PAX-it SOLUTION:** Use PAX-it's automated videotext labeling tools: text, arrows, scale bar, shapes, etc. Burn onto image or leave as a separate overlay.

# PAX-it!™ Welding



**NEED:** Expandability to meet future needs.

**PAX-it SOLUTION:** PAX-it is modular, and optional components can add even more easy-to-use functionality.

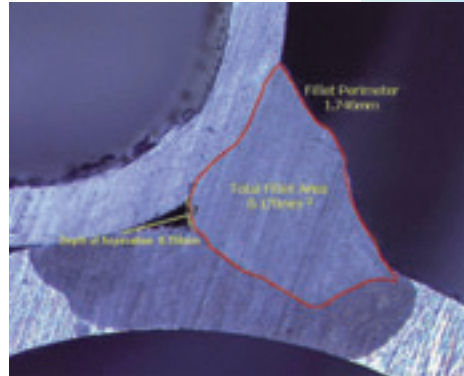
**Network site licenses** for collections on the server that are accessed from anywhere on the plant network

**Image analysis** with special routines for materials labs

**PAXnet web-based image sharing** for sending images, reports, presentations, etc. through a browser-based connection (intranet or internet)

**Training Module** for production of interactive auto-tutorial training or testing sessions using images, video clips, and more

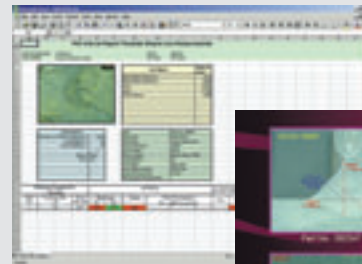
**CD Burning** to allow you to back-up, copy or archive all of your PAX-it images, reports and database information



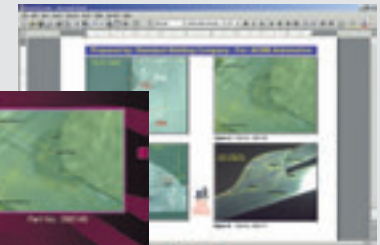
**NEED:** Ability to measure and analyze weld nuggets, fillets and penetration.

**PAX-it SOLUTION:** Easy area measurement of even the most irregular shapes using PAX-it's measurement tools. Lines and angles are easily measured and labeled.

## MS Excel™



Use customizable PAX-it templates to quickly generate weld reports and



MS Word™



MS Powerpoint™

**NEED:** Incorporate and manage images in reports and presentations for documentation and communication with others.

**PAX-it SOLUTION:** Seamlessly and easily link to MS Word™, Excel™ and PowerPoint™ templates that you create and save for powerful reports and presentations. Measurement results may be formatted, placed in formulas, charted, etc., and the images showing what you measured are placed right into the report!

Send reports via email, network fileshare, or use the optional PAXnet™ module for web-based communication of images, reports, presentations and more!



**NEED:** Tabulate multiple welding results. Establish parameters and identify non-compliance.

**PAX-it SOLUTION:** Results are tabulated automatically with the click of a button and displayed in measurement tables for analysis.



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