

# Amphenol

## THE BACKSTORY

Amphenol saw the need for X-ray to make sure their high-speed connectors were welded correctly to their high-speed cables. Working with such large customers puts constant pressure on them to always produce the perfect product. X-ray gives them the visibility and assurance that they are doing just that.

Amphenol started with a Scionscope X-ray system but found it challenging to use for the following reasons:

- **Unfriendly** – Graphic User interface was hard to use. Only an expert could run it.

Amphenol is one of the world's largest providers of high-technology interconnect, sensor and antenna solutions. Their products enable the Electronics Revolution across virtually every end market including Automotive, Broadband Communications, Commercial Aerospace, Industrial, Information Technology and Data Communications, Military, Mobile Devices and Mobile Networks.

- **Training, training, training** – Always needed a more training to run this machine
- **System** – Crashes easily

2021, Amphenol reached out to Creative Electron for X-ray because Creative Electron was recommended to them by one of their largest clients, Arista. They pointed out Creative Electron's fast and reliable service along with their ability to customize an X-ray system to meet specific needs. Amphenol met with Creative Electron, told them their needs and they responded: We are the X-Ray people; we can do that.



## THE RESPONSE

Amphenol has since purchased and implanted their first Creative Electron X-Ray system at one of their largest manufacturing sites. Here are the key benefits that Amphenol see's daily from it:

- **FAST** – 70% increase in production
- **Automatic** – Customized machine built to fully automate their line with conveyors and more
- **Easy Software** – Made custom for us and easy to use
- **Maneuverability** Easy to move around to adjust to Amphenol's dynamic manufacturing lines
- **Service** – Any issues, Creative Electron is there to take care of us
- **Low Maintenance:** Runs on 220v outlet and an air compressor

## RETURN ON INVESTMENT

Amphenol sees daily return on their investment in the following ways:

- Machine paid for itself in less than 6 months
- More output, more revenue
- Sped line up to a speed that they needed extra hands to support the enabled production rate
- Only 1 hour spend on training and anyone can run it



## WHERE ARE WE NOW?

Since the purchase of their first X-ray system, Amphenol placed an order for their second one only 3 months later. Amphenol struggled to get money for the first machine but after they saw the ROI, the money for the second system came fast and easy. The second machine is custom made and is made to be interchangeable so they can use it for any of your clients to continue to provide the best finished product. Chatter has already started about a third machine as the excitement continues to grow alongside their increased production rate.

\*All answers were pulled from an interview with the customer themselves

