Testimonial | INDUSTREX HPX-PRO DIGITAL CR System

Applus+ Relies on Portability, High Productivity of Carestream NDT's HPX-PRO

Applus+ and its non-destructive testing (NDT) digital system have logged many air miles. The lightweight system has allowed the Canadian company to be flexible and responsive to client needs in far-flung areas and rugged environments. "Our scanner for the past few years—even through the COVID pandemic—was flying all the time to different projects," said Jason Creaser, Technical Lead at Applus+. "We can ship it, we can fly it, put it in the back of my rental car and I'm ready to go with radiography."

Applus+ relies on the Carestream NDT INDUSTREX HPX-PRO Portable Digital System. The company, which works with multiple clients across industries, has grown from one system three years ago to three systems today.

That's a big shift from the way things used to be. With conventional NDT testing, the radiography lab was stationary. For projects out of town, the lab traveled on a large one-ton truck to sites.

"We encourage some of our other offices here in Canada to purchase Carestream scanners," Mr. Creaser said. "And now we're looking at a fourth and even fifth unit. It's been positive."

"Carestream NDT has revolutionized the way we do work," Mr. Creaser said.

Pioneering work

Applus+ is a worldwide leader in NDT testing, inspection and certification. The company works to enhance the quality and safety of its clients' assets and infrastructures, improving environmental performance and protecting operations. The business employs 25,000 people in more than 70 countries.

In the NDT realm, from ensuring pipeline integrity to inspecting welding quality, Applus+ is focused on minimizing operational risks, ensuring process quality and compliance with environmental standards and regulations. For example, some of the company's projects include pipeline inspection in Brazil, a pressure vessel in Indonesia and offshore transfer lines in Colombia. Applus+ is widely known for its advanced NDT innovations.

The HPX-PRO Portable Digital System fits neatly with Applus+'s global footprint. The system is built for extreme portability into challenging imaging environments and improved productivity in field imaging applications. As a portable imaging solution, the HPX-PRO is quick to deploy and rapidly produces high-quality images.

HPX-PRO runs on INDUSTREX Digital Viewing Software that enables fast imaging, with batch mode capability to keep up-to-speed with extreme process conditions like pipeline inspections.

Increased productivity

Applus+ has several large projects. The ability to work digitally has been a boon.

"It's faster and it's quicker," said Mr. Creaser. "It's the digital age. We can archive, store and share things on the internet. Quickly and seamlessly. And obviously, with these scanners, you don't need to have your mobile dark rooms or automatic processes or anything like that."

In addition, customers can access information easily since files can be shared digitally.

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"When you look at some of the time savings, the lack of development time and the permanent archive ability of digital, it's been really good," Mr. Creaser said.

With the transition to digital, the HPX-PRO has helped Applus+ offer reliable service to its clients, which in turn helps those customers make informed decisions on safety and infrastructure.

"Sometimes new technology can be scary and there's a bit of hesitation," Mr. Creaser said. "On a big project, a customer may prefer the tried and tested techniques or methods. But we've had two years without shooting anything on film."

An established relationship with Carestream NDT has helped Applus+. The systems have been reliable; service and productivity have been seamless.

"We haven't had to use service, really, because the systems have been so reliable for us," said Mr. Creaser.

As Applus+ looks to the future, Mr. Creaser expects Carestream to keep playing a role in the company's NDT testing portfolio.

"If you go to a tourist attraction, nobody's taking pictures on Polaroid cameras or on film that will need to be developed," Mr. Creaser said. "It's changed to a digital world."

HPX-PRO Product Benefits

Powerful
- Industry leading viewing and analysis software
- High-resolution digital imaging plates
- Rapid job set-up
- Image, analyze and approve in seconds

Flexible
- Simple user controls
- Flexible imaging for speed or quality
- Shot time improvement

Reliable
- A complete workflow improvement tool from start-to-finish
- Built for NDT rugged environments
- Designed for high throughput

Portable
- Ergonomically designed lifting handles
- Rugged travel cases
- Can be used inside or on top of travel case

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