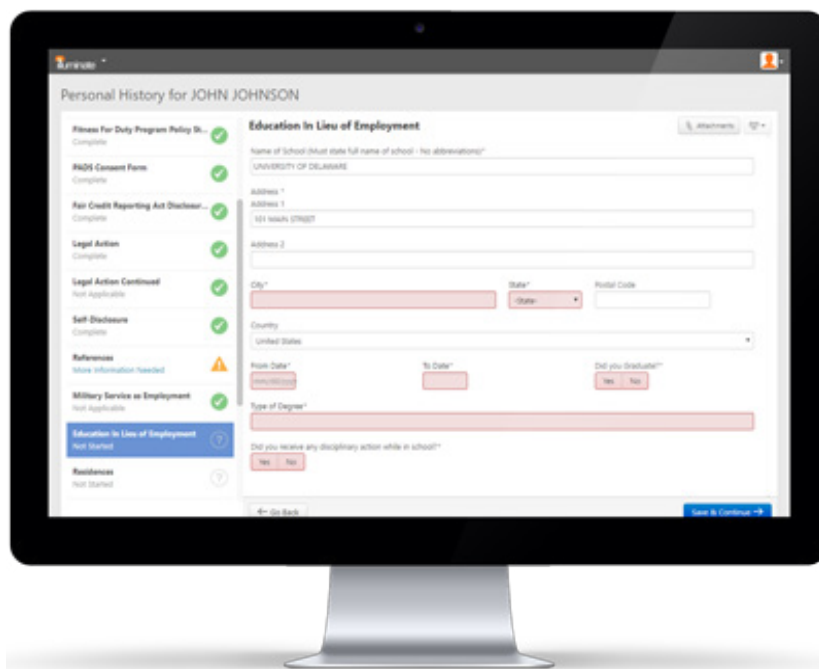# Modernizing Access Authorization, Fitness for Duty, and In-Processing with Illuminate

In the nuclear industry, as market conditions and regulations evolved, there was increasing pressure to in-process more workers in a shorter period of time. However, staffing levels were not being increased to match these needs.

At the same time, nuclear utilities were striving to make efficiency improvements to ensure a viable future. This large utility was relying on outdated infrastructure that was costing them over $100,000 a year to maintain and creating unnecessary manual effort to keep up with industry regulations and best practices.

Benefits

$80,000 saved per outage year minimizing Reviewing Official Travel and Expenses

1,000 hours saved per Site per year streamlining Access Authorization and Fitness for Duty Processes

$65,000 saved by eliminating 3rd party Vendor Credit Checks

The Challenge

The utility's method for managing Access Authorization, Fitness for Duty, and In-Processing was a home-grown solution that combined a variety of different platforms. The process was time consuming, prone to human performance error, and outdated. It also created single points of vulnerability for the utility. Only a few key personnel knew the systems because of the age and complexity of the software.

The utility was also spending $30,000 per site sending Reviewing Officials to assist with outage processing processing at other sites within their fleet and wanted to find a new modern way to make the process more efficient. They knew that they needed to lean on technology to ensure their future and prolonged success.

The Solution

With the implementation of Illuminate Suite across their fleet, this utility automated many processes that were manually performed prior to implementation. The utility was able to transition from using paper files and documents to having all background checks, psychological examinations, and fitness for duty documents uploaded into Illuminate. The automation of this process eliminated the need to send Reviewing Officials to sites for peak outage in-processing times.

The Illuminate Suite also allowed for easier Potentially Disqualifying Information (PDI) identification, better in-processing estimates, and compliant follow-up protocols.

Illuminate provided interfaces with Chemical Testing Labs, Credit Check Companies, and Learning Management Systems which allowed for automatic PDI identification. Illuminate also made it possible for the electronic personal history questionnaire (ePHQ) to be filled out based on the investigation period required prior to arrival to identify PDI and give a more accurate estimate on how long in-processing would take. Illuminate accurately calculated an individual's Follow Up Program requirements and identified when tests were required to ensure compliance.

The Result

Using Illuminate to manage Access Authorization, Fitness for Duty, and In-Processing across their Fleet, this nuclear utility was able to reduce in-processing time, save money, and mitigate human error. By upgrading to a system that is modern and easy to use, the utility was able to eliminate their singles of point vulnerability, increase knowledge sharing, and avoid regulatory violations. These efficiency improvements resulted in a yearly savings of +1,000 hours and $170,000 across the utility.

Contact us today to learn more about Illuminate Suite.