

# FAC MANAGER NUCLEAR



## Product Overview

FAC Manager is the most advanced Flow Accelerated Corrosion (FAC) Program Management tool in North America. This fully integrated platform has been designed by FAC program engineers with years of experience. The web-based interface requires no local software installation and provides access from any computer with internet access.

FAC Manager is specifically designed to reduce the costs of FAC program implementation while also reducing the risk of FAC related leaks or ruptures.

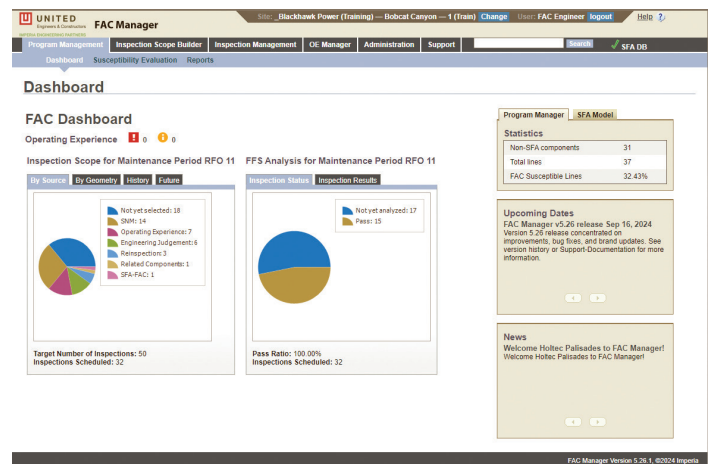
Cost reduction is achieved through:

- Fewer inspections due to over-conservative analysis
- Streamlined FAC Program implementation
- Faster inspection scope selection
- Rapid return-to-service decisions during outages
- Reduced travel required due to Web access to all data

## Software Benefits

Within FAC Manager, the user can:

- Store and update FAC Susceptibility status of lines in the plant
- Build and manage Outage Inspection Scopes
- Track and report outage progress
- Maintain component information and inspection history
- Calculate wear rate and remaining service life for inspected components
- Store Next Scheduled Inspection (NSI) Information
- Track internal and industry Operating Experience



**Delivering Customer Success  
Through Innovative Solutions**



**UNITED**  
ENGINEERS & CONSTRUCTORS  
An Aecon Company

# DESIGNED BY FAC ENGINEERS AND PROVEN THROUGH HUNDREDS OF OUTAGES AND THOUSANDS OF INSPECTIONS

## Compliant with Industry Standards

FAC Manager is designed to provide the tools necessary to enable the utility's FAC program to meet or exceed the latest industry requirements.

FAC Manager's functionality and internal data structure leverages the interrelationships between the various data sources and analysis that comprise a FAC program. This seamless integration ensures the utility receives the maximum value from data and information entered into the program.



## Cybersecurity — Safe and Secure

FAC Manager utilizes state of the art cybersecurity measures to ensure your data is safe and secure. The use of a web-based platform provides easy, secure access to your information from anywhere at any time.

Software updates are developed and implemented to ensure FAC Manager continues to lead the industry with innovative tools and processes delivered using safe and secure technology..

## About United

United Engineers & Constructors is an industry leading infrastructure engineering, procurement, construction and consulting company dedicated to improving lives by delivering the most impactful solutions. Since 1905, we have served the power industry by providing comprehensive lifecycle services for the nuclear, conventional generation, renewable, and distributed energy markets.

Together with our clients and partners, we are unified in our efforts to deliver innovative and transformative infrastructure that is designed and built to meet the demands of today and the future.

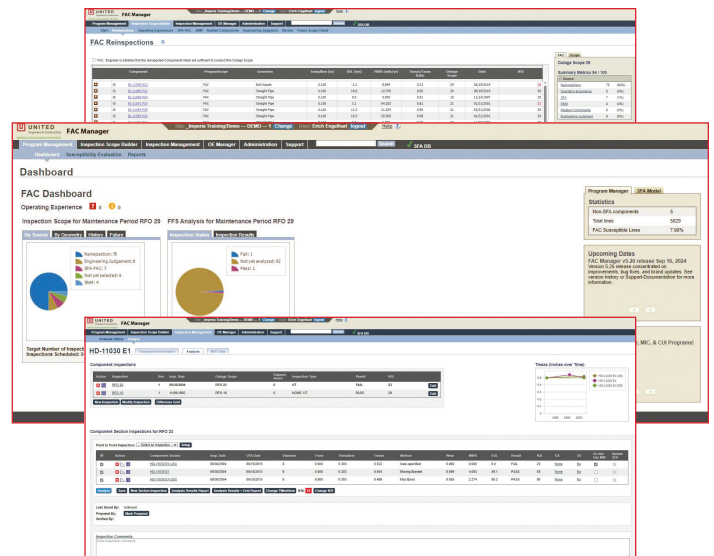
## Optimize Inspection Scopes

FAC Manager provides the tools and structure to select the best possible inspection scopes. The intuitive Inspection Scope Builder enables the FAC engineer to efficiently select the inspection locations that provide the maximum risk reduction while minimizing required inspection resources.

Appropriate levels of conservatism and engineering judgment ensure no wasted inspections.

Industry experience may be tracked and used to ensure inspection scopes are up to date with industry trends.

Output from the Susceptible Non-Modeled Risk Ranking analysis ensures that highest risk locations are given the proper priority. This enables the utility to make the most efficient use of inspection resources for lines not modeled in CHECWORKS™ SFA.



## To learn more contact

**Jeremy Picard**, Director, Business Development  
**Phone:** +1 704.223.3772 | **Email:** jpicard@aecon.com

[aecon.com/ueci](http://aecon.com/ueci)

