

# RESILIENCY TESTING

## Service Overview

A facility's ability to recover quickly from a cyberattack is at the root of business continuity and maximizing a return to normal activity. You must therefore have a clear understanding of your current exposure and preparedness before such an event occurs. Resiliency testing can provide such assurances and clarity.

When it comes to OT cybersecurity, resiliency testing is at the heart of proactivity. By detecting and targeting vulnerabilities that exist in your current design, you are afforded the ability to address them before they are exploited by bad actors in cybersecurity.

Testing services can be provided at various stages of a site's process including while engineering a new installation, remediating an existing system, just before commissioning or planned during outages or system downtimes. With proper planning, online testing may also provide validation that your processes are resilient enough to withstand or mitigate the most infectious cyberattack.

ICSSbD™ OT Systems resiliency testing provides a clear view of your environment's ability to act under stress; it can ensure quick recovery when an unanticipated event occurs.



## How We Can Help

Mangan Cybersecurity can assist you in evaluating the best approach for resiliency testing. Whether offline during development, FATs, SATs or while scheduling periods or protocols for testing online, you can greatly reduce or eliminate downtime potential. through:

- Assessment of existing training protocols for critical systems including offline and online testing criteria.
- Development of Development Tests (DT), Factory Acceptance Tests (FAT), Site Acceptance Tests (SAT), Online and Offline Tests to meet regulatory, compliance or your individual environment's requirements.
- Alignment to Mean Time to Recovery calculations and resulting recommendations. recovery recommendations.
- Project based or recurring testing support services.