

NIMBLE™

OUR GOAL: Implement an AI-driven technology stack that directly supports correcting deficiencies, relating root causes, and decreasing significant capital losses when reacting to incidents.

HOW WILL IT WORK

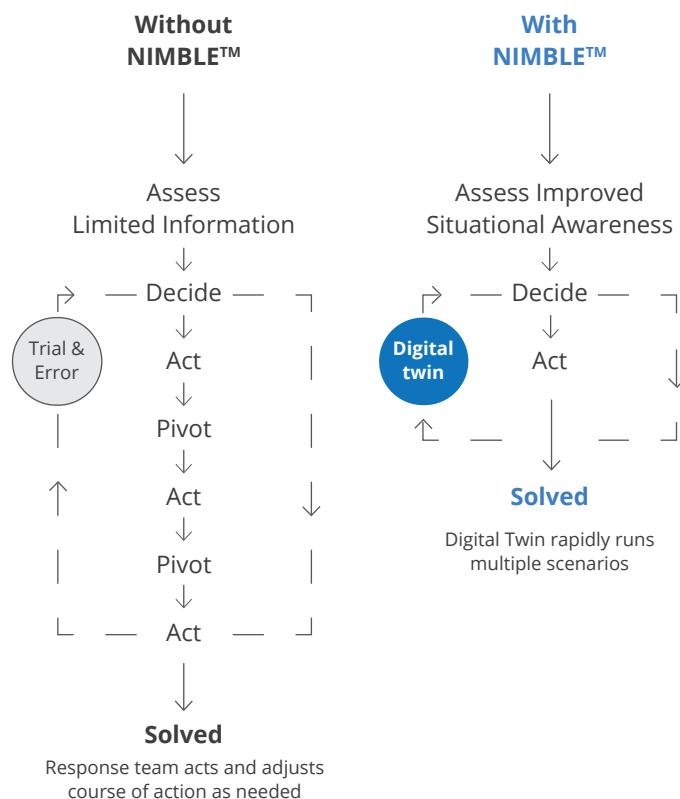
NIMBLE™ leverages real-time information from multiple sources to:

- Provide continuous real-time views that highlight the current and future posture of shipboard systems
- Enable the ability to appropriately and quickly detect, respond and contain an incident

NIMBLE™'s knowledge-based digital twin is a replica that can be used to rapidly model potential decisions and outcomes. Our digital twin provides a sensor-based common operation picture delivering real-time crisis information to stakeholders.

NIMBLE™ technology was initially used for the NASA Platform for Autonomous Systems (NPAS). As such, **NIMBLE™** provides a framework to quickly develop, implement, and deploy intelligent thinking to crisis management situations.

INCIDENT RESPONSE



APPLICABILITY

Inspired by the detrimental loss of USS Bonhomme from fire, **NIMBLE™** increases stakeholders' proactivity and expedites decision making prior to and during high-stress and life-threatening situations.

NIMBLE™ can also be applied to other emergency response scenarios, such as federal and state coordinated responses to natural disasters or terrorist attacks.

In 2020 an onboard fire led to an explosion that burned for five days and resulted in the total loss of the USS Bonhomme Richard.

If **NIMBLE™** was installed, its connected sensors and decision-optimizing procedures would have directed firefighting efforts to the correct areas of the ship and extinguished the fire within 35 minutes of ignition.

END TO END ENTERPRISE SOLUTIONS

End to End provides innovative solutions to today's cybersecurity and crisis management challenges.

- ✓ Minority Owned
- ✓ SBA 8(a) Certified
- ✓ Small Disadvantaged Business
- ✓ Service-disabled Veteran Owned

CAGE: 6Q9Y9 | **UEID:** CT49EMG48HQ7
NAICS: 541519, 541511, 541512, 541513, 541611, 541614, 541618, 541990, 811212