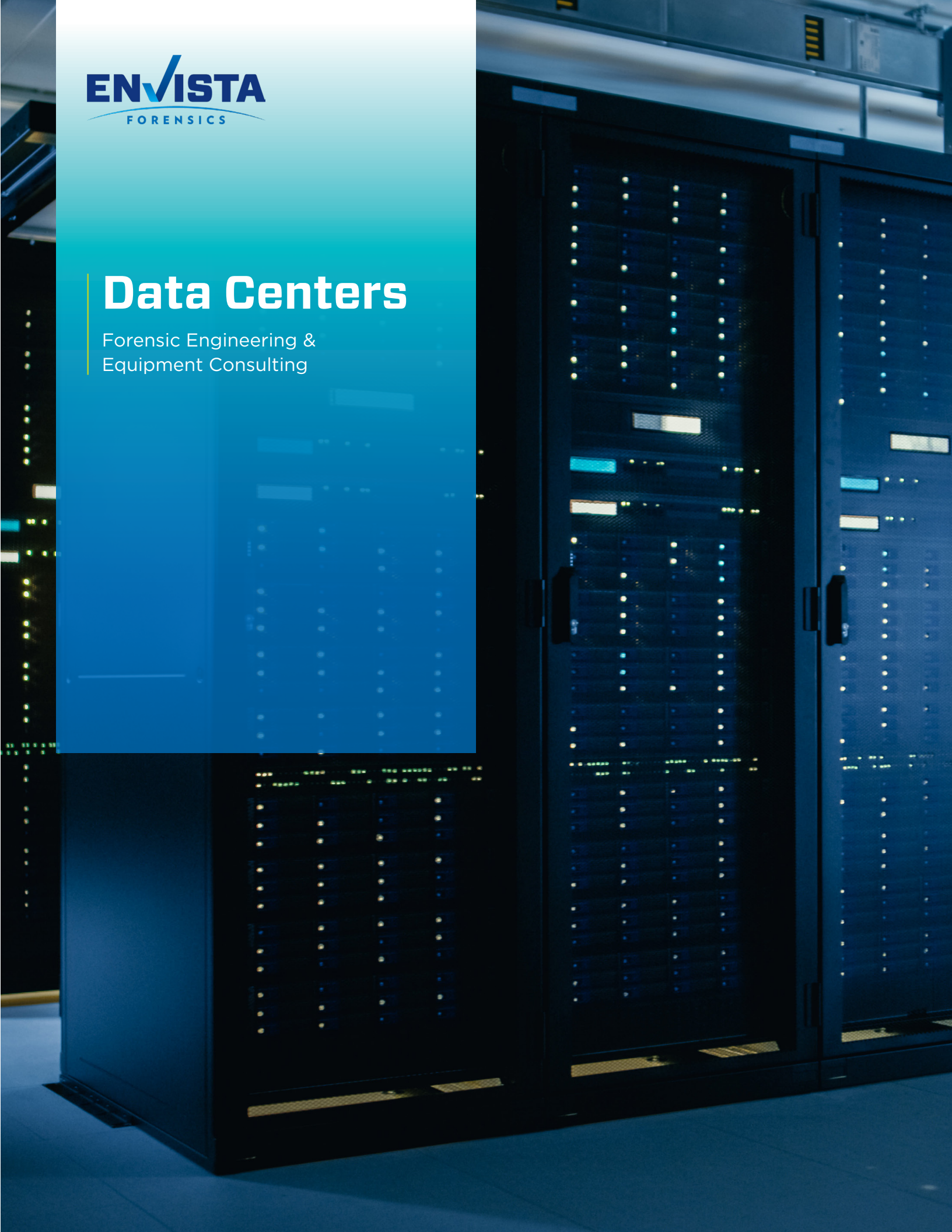
ENVISTA FORENSICS

Data Centers

Forensic Engineering &
Equipment Consulting





Technical Experts for Complex Claims

When critical infrastructure fails, insurers, attorneys, and risk professionals need clear answers backed by sound engineering.

Our multidisciplinary team investigates data center, power system, and large-loss events, delivering defensible conclusions that support coverage decisions, litigation, and recovery efforts. Areas of expertise reflected in our data center large-loss practice include causation, IT hardware, repair vs. replacement, warranty/support replacement, electrical systems, cooling infrastructure, fire investigations, power generation, battery storage systems, and subrogation support.



Data Center Systems

IT Equipment & Critical Infrastructure

We evaluate servers, storage systems, networking equipment, and supporting infrastructure to determine the cause and extent of damage with insight into operational impact.

Repair vs. Replacement Analysis

Our experts assess whether damaged equipment can be safely restored to service, helping avoid unnecessary replacement costs while supporting defensible claim decisions. This can include warranty/support replacement if requested.

Decontamination & Restoration

Following fire, smoke, water intrusion, or suppression-system discharge, we evaluate contamination, restoration feasibility, and equipment recoverability. We also assess the technical period of restoration for repair, replacement, and mitigation efforts, helping establish a timeline for returning affected systems to pre-loss or operational condition and supporting business interruption evaluations.

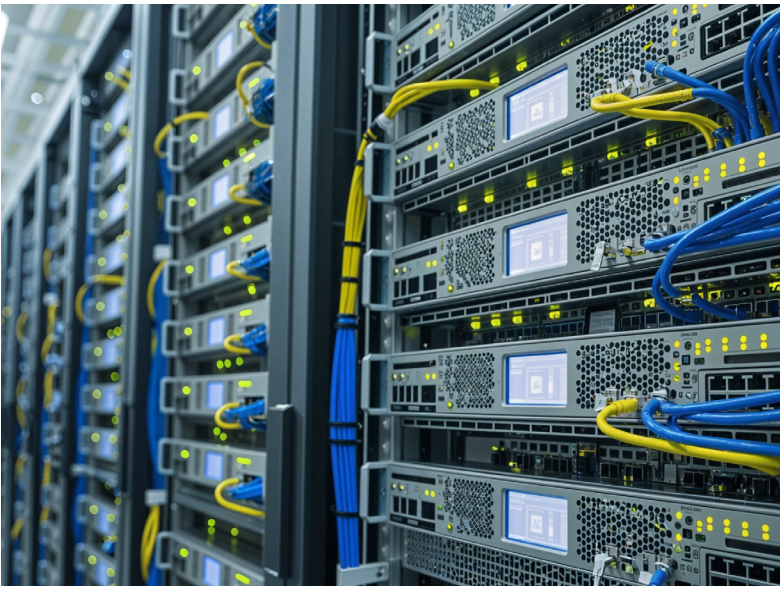
Cause of Loss Investigations

Power Surge & Lightning

Analysis of utility disturbances, switching events, voltage transients, grounding issues, and lightning-related failures.

Fire Origin & Cause

Scientific investigation of electrical, mechanical, battery, and equipment-related fires to determine how and where a loss originated.



Subrogation & Litigation

Our engineers provide the technical foundation needed to support recovery efforts, including:

- Root Cause Analysis - Failure Investigations
- Evidence Preservation
- Expert Reports
- Litigation Support
- Expert Witness Testimony
- Subrogation Support

We help identify responsible parties, establish causation, and develop the technical foundation necessary to pursue recovery opportunities.



Critical Systems Expertise

- IT Equipment
- HVAC & Data Center Cooling Systems
- Electrical Distribution & Power Delivery
- Battery Energy Storage Systems (BESS)
- Generators & Turbines
- Transformers, Switchgear & Control Systems



One Team. One Investigation.

From cause of loss through repairability evaluation and recovery support, our experts help insurers and legal professionals resolve complex data center and large loss claims with certainty.



Where You Need Us, When You Need Us

For over 40 years, Envista Forensics has been at the forefront of servicing the insurance industry, legal professionals and corporations, successfully helping clients understand the cause of loss and determining responsibility following all types of equipment failures.

With extensive operations across North America, Singapore, and Australia, Envista Forensics is uniquely positioned to deliver technical expertise and courtroom presentation experience to their clients, no matter where in the world these services are required.

CONTACT US

project@envistaforensics.com

+1 888-782-3473

www.envistaforensics.com

ENVISTA FORENSICS

www.envistaforensics.com

+1 (888) 782-3473

© Envista Forensics 2026