



DISASTER RECOVERY **SOLUTION GUIDE**

Emergencies can strike at any time: a natural disaster can destroy your data center, a technical malfunction can paralyze your network, threat actors can deploy malware to hold your data hostage in exchange for ransom. No organization is ever fully immune from disaster, but they can be prepared. Disaster recovery plans (DRP) help organizations restore data and ensure business continuity with minimal disruption and downtime. When disaster strikes, a DRP ensures your organization always has a quick path towards remediation.

ECS offers disaster recovery (DR) solutions to help enterprise organizations identify threats and build DRPs to guard against their effects. We design, implement, and maintain your organization's DRP, ensuring your data, network, and infrastructure remain resilient even in the face of disaster.



CONTINUITY

CHALLENGE: You worry about your organization's ability to recover data and maintain business continuity should a disaster strike.

SOLUTION: Whether your data lives in the cloud, a data center, or a device, ECS determines how and where critical business information is backed up and builds failover models best suited to your security, compliance, and operational needs. ECS designs workloads to failover between cloud environments, from on-premises data center into the cloud, and from the cloud back into the data center. With high availability and inter-regionalized fault tolerance, recovery is quick and secure, enabling business to continue with minimal abatement and low costs.



ASSESSMENT & TESTING

CHALLENGE: Your organization struggles to identify probable threats and generate protocols for recovery.

SOLUTION: Through a robust investigation and discovery process, ECS analyzes your organization's infrastructure, identifies key business functions, and trains personnel to enact protocols when disasters occur. ECS designs multiple DRPs to account for any potential emergency or business interruption. Once a DRP is in place, ECS routinely tests and modifies it in order to accommodate for changes in your business operations, new technologies, and evolving risk. No matter the threat, your organization will be ready.



COST

CHALLENGE: Building and maintaining a new DR data center is not within your budget.

SOLUTION: In conjunction with our **migration** and **cloud solutions**, ECS leverages the flexibility and scalability of cloud to mitigate the costs associated with expanding physical data centers. ECS takes advantage of differences in cloud service providers' (CSPs) reserved storage pricing in order to build cost-effective multi-cloud environments for failover infrastructure. By integrating cloud into our DRP solutions, organizations only pay for the storage they need, when they need it.

Interested in learning more about ECS' disaster recovery solutions? Reach out and **talk to an expert** at cloud@ecstech.com

ECS is a leading information technology provider delivering solutions in cloud, cybersecurity, software development, IT modernization, and science and engineering. The organization's highly skilled teams approach and solve critical, complex challenges for customers across the U.S. public sector, defense, and commercial industries. ECS maintains partnerships with leading cloud and cybersecurity technology providers and holds specialized certifications in their technologies.