



# Disaster Readiness and Emergency Response *to help keep you connected when you need it most*



Be ready when disaster strikes. Keep critical services and customers connected to the people and resources that they need.



# Our mission

We are invested in safeguarding the interests of our customers, stakeholders, and employees. We maintain an Enterprise Continuity Program to provide effective, timely responses to a wide variety of disruptive events. Our program is centralized in its design and decentralized in its implementation, enabling us to maximize our full capabilities while taking advantage of our scale across multiple lines of business and locations to promote active involvement.

## Reliable communications and connectivity are essential during critical events.

We understand the importance of reliable communications and connectivity during critical events. We incorporate business continuity into our overall corporate business philosophy. Our Enterprise Business Continuity Program promotes the use of business continuity principles, guidelines, and standards by all company employees during routine business operations to assure the continuation of our mission-critical enterprise operations and services. This level of consistency across our lines of business enhances our overall planning and business resumption efforts.

The T-Mobile Enterprise Business Continuity Program is industry-leading with proactive measures to reduce operational risks and implement recovery solutions that minimize the impact to customers and services during potential business disruptions. We maintain multiple dedicated enterprise-wide teams to address business



continuity, disaster recovery, network availability, emergency response, and customer support, ensuring our continued focus on safeguarding the interests of our customers, employees, and stakeholders in the event of an emergency or significant business disruption. These teams work in partnership to provide coordinated and effective responses to a wide variety of disruptive events.

A team of dedicated, certified, and seasoned business continuity professionals works with all lines of business to help ensure that our business continuity plans are current, comprehensive, and effective. This group supports our business continuity planning for each line of business and defines enterprise recovery tools and methodologies.

**The T-Mobile Enterprise Business Continuity Program is reviewed and approved by leadership on an annual basis and is guided by the following governing principles:**

- Commitment to employee and customer safety
- Commitment to preserving business operations and services
- Business continuity as a shared responsibility across all levels of management, all lines of business, and the Enterprise Continuity Team
- Continual business continuity plan assessment, improvement, flexibility, and maturity are necessary for success
- Plan development with an “all hazards” mindset and focus on a full range of natural and man-made hazards and risks that could impact employees, customers, operations, and assets in countries around the globe

Critical operations, processes, and services across the enterprise are identified along with criticality ratings, risks, gaps, and potential impacts of a service disruption. Process, criticality, and risk reviews are conducted on a regular basis.



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## Enterprise business continuity

# Planning focused on the customer experience

The T-Mobile Enterprise Business Continuity Program considers the full range of natural and man-made hazards that could impact employees, customers, operations, and assets across the country. We use information obtained through Business Impact Analysis and the development of business continuity (risk reduction) strategies to preserve business functions that are required in the face of a disaster.

## Business Impact Analysis

Through various assessments, including Business Impact Analysis (BIA), we evaluate the criticality of different aspects of each part of the business, including:

- Business processes
- Applications
- Suppliers
- Partners
- Sites
- Network elements

This evaluation determines the tolerance for disruption, ensuring minimal impact on employees, customers, operations, and assets. The results of these assessments guide our prioritization efforts, helping us make informed decisions about mitigation and planning. Critical business processes are closely matched with the criticality of their associated applications, suppliers, and dependencies. We conduct annual BIA reviews to maintain our preparedness.



**ENTERPRISE  
BUSINESS  
CONTINUITY**

### Primary components of the T-Mobile Business Continuity Program

- ✓ Enterprise business continuity project initiation and oversight
- ✓ Risk evaluation and controls
- ✓ Business Impact Assessment and analysis
- ✓ Business continuity and disaster recovery strategic direction
- ✓ Business continuity plan development, maintenance, and exercises
- ✓ Awareness and training programs
- ✓ Public relations and crisis response and resumption
- ✓ Coordination with external agencies
- ✓ Incident command structure integrated into each engineering team nationwide

## Business continuity strategies and planning

- **Process and standards:** We deploy common terminology, standards, policies, methodologies, and documentation to reinforce consistency across the company.
- **Reporting:** Executive management receives a quarterly risk report inclusive of the efforts and status of the Enterprise Continuity Program.
- **Plan maintenance:** Annually, the owning team and enterprise continuity experts review each organization's plan. Key stakeholders are responsible for reviewing program documents at least annually.
- **Supplier business continuity:** We have a Business Continuity and Disaster Recovery Plan (BC/DR) assessment process that is designed to inform us of partner plans along with the ability to request the business continuity plans used by our partners, suppliers, and vendors, as needed.
- **Accessible plans:** Our business continuity plans are housed in a centralized redundant repository that is accessible to internal stakeholders regardless of their physical location.

As a critical infrastructure provider, we integrate cyber resiliency into continuity planning to ensure the ability to withstand, recover from, and adapt to cyber disruptions. Our cyber resiliency strategy is built on the proactive identification and rigorous testing of critical infrastructure assets (IT and telco), using advanced threat modeling that simulates adversarial tactics, including those of nation-state actors. These assets are backed up, geo-redundant, and fortified with multi-layered defenses to ensure operational continuity under stress. Our segmented network architecture enables containment and rapid recovery during cyber events. This readiness posture is continuously validated through real-world scenario exercises to ensure resilience against evolving threats.

# Customer satisfaction drives our preparation and response to disaster events

When we become aware of an upcoming event, such as a hurricane or storm, our organization acts before a disaster occurs. Highly detailed emergency operations plans have been created and implemented nationwide and technical personnel have been trained. This preparation allows us to maximize resource availability and reduce response time. Here are some examples of how we prepare and act.

## Before a disaster strikes: T-Mobile preparations

- ✓ Analyze storm conditions for anticipated landfall.
- ✓ Prepare and test back up power sources in probable areas of impact
- ✓ Ensure supportive equipment, such as portable generators, Cell-On-Wheels (COWs) and Cell-On-Light-Trucks (COLTs) on standby nationwide
- ✓ Establish a command center that will mobilize teams of technicians and engineers as conditions permit
- ✓ Engage our national vendors regarding fuel, generators, technicians, staging yards, security, accommodations, and catering, so teams can focus on the tasks at hand
- ✓ Create staging areas for incoming equipment and personnel
- ✓ Forward deploy resources in safe zones
- ✓ Coordinate with local and state officials, state offices of emergency management, DHS, FEMA, and the FCC as appropriate
- ✓ Monitor evacuation efforts and routes
- ✓ Identify opportunities to adjust wireless capacity in certain hubs/zones such as shelters, transport hubs, arenas, etc.

## During and following disasters: T-Mobile response actions

- ✓ Deploy portable generators, COWs, satellite or microwave as needed
- ✓ Establish comprehensive strategy for network recovery dependent upon impact and immediate needs
- ✓ Coordinate with local, state, and federal officials and government organizations as appropriate
- ✓ Offer options to ensure public safety officials, emergency first responders, and others have adequate support
- ✓ Support impacted communities in various ways depending on circumstances and need, such as Wi-Fi calling and charging stations
- ✓ Deploy EVT's to respond to impacted markets
- ✓ Maintain consistent command and control calls to coordinate efforts between teams
- ✓ Deploy response personnel to the impacted area
- ✓ Establish virtual Emergency Operations Center to provide operational control for event
- ✓ After-action reviews completed for events with best practices defined and processes updated

## Keeping our network reliable, resilient, and redundant

Reliable connectivity is a must for our customers. We have spent many years focused on network and operational redundancy along with hardening and improving our resiliency on our infrastructure, critical sites, and operations. Network design plays a critical role. MSO locations significantly reduce the chance of network failure due to third-party fiber damage, equipment failures, or other potential causes of interruptions. We continue to make significant investments in our network and maintain a suite of disaster plans and procedures.

Our network operations centers are geographically redundant and diverse, fostering a proactive approach through regular operations rollovers.

Our geo-redundant teams handle daily operations at each site and actively participate in operational rollovers between centers.

Our data centers also exhibit geo-diversity and redundancy, supporting primary and alternate systems for critical operations, tools, and systems. Our teams of experts span across engineering, facilities, network operations centers, IT teams, network support, and data centers to ensure comprehensive support and robustness.

Our T-Satellite texting, including the ability to text 911, is now available almost anywhere in the U.S. the sky is visible, with data use for select apps already available on Pixel 10 with more devices and apps coming this fall.

# Network preparation

At T-Mobile, we understand the importance of “pro-activity,” especially for emergency management. We plan and design the entire network infrastructure—from local endpoints to IP backbone connecting it all—for resiliency as well as pre-staging assets to enable a rapid response.

The T-Mobile 5G network also prioritizes first responders through T-Priority, a cutting-edge solution in emergency communications technology,utilizing network slicing capabilities that can only be achieved through 5G SA technology. This innovative approach provides first responders with fast speeds and low latency, with access to network resources that dynamically expand and help ensure critical communications remain uninterrupted during times of high network traffic.



## Cell site disaster planning

Cell sites are strategically equipped to accommodate backup power sources (e.g., batteries, fixed generators, portable generator connectors) and provide continuous coverage regardless of the scale of a disaster. We’ve also implemented a distributed architecture for interconnection redundancy utilizing dual fiber facilities at switch locations. Communications from our cell sites are backhauled with various combinations of ethernet, copper, fiber, and microwave systems. The T-Mobile Radio Network provides significant overlapping coverage areas, which often allow cell sites to fully or partially compensate for a neighboring cell site.

We continue to strengthen physical infrastructure with more backup power and fortified sites across the United States, including Puerto Rico. In Florida alone, we’ve made a \$2 billion network investment that upgraded 1,350 sites to boost speed, capacity, and reliability and hardened 1,375 towers with backup power for improved wind and flood resilience.



## Switch disaster planning

Site recovery plans have been developed for major switch locations. Prioritizing available options for relocation, to help ensure agility when faced with disaster recovery issues. Mobile switching centers have permanent, on-site emergency backup power for use in the event of a momentary or extended power failure. They are protected by FM-200 or Pre-Action Dry Fire Systems. They are also equipped with spare equipment inventory for all critical network elements. Switching systems are designed with geo-redundancy for continuity of operations.



## IP backbone failover and recovery

Our IP network uses multiple logical adjacencies over physically diverse paths. There are multiple diverse paths between any two nodes on the backbone. These backbone links travel over fiber that is physically diverse from other fiber paths. The IP backbone is regularly reviewed and augmented for capacity needs and can reroute traffic based on dynamic routing protocols. Thanks to the high level of diversity and fast convergence of the network, most fiber outages will go completely unnoticed by our customers. The IP backbone uses technology to take advantage of potential fiber paths during a disruption. The capacity available in the backbone helps ensure congestion-free service during normal operations and provides failover bandwidth in the event of one or more link outages. IP backbone network routers have at least two physical connections, redundant processors, and redundant power supplies (such as batteries and diesel generators) at all sites. Equipment is installed in our secure facilities that are built to withstand natural disasters.



## Network deployable assets and response vehicles

Our response fleet of vehicles is pre-staged across our operational areas to enable rapid response and includes COLTs, COWs, generators, mobile command centers, and customized communication Jeeps, to help provide satellite service in the worst conditions. Our Satellite Cell on Light Trucks (SatCOLTs) can deploy within minutes and operate in some of the toughest terrains to support our customers when they need us most. In addition, we have a full array of response vehicles such as tow vehicles, snowmobiles, airboats, and high-water vehicles that allow us to access areas hardest hit by disaster. We will never stop working to make our network the best for our customers.



### Larger deployable fleet:

We increased our deployable fleet with a 50% increase in the drone fleet, 30% more SatCOLTs (Satellite Cell on Light Trucks) and SatCOWs (Satellite Cell on Wheels), and a 95% increase in the number of VSATs (Very Small Aperture Terminals).

We have increased our emergency drone fleet to reach more places more quickly with more capability when disasters strike.

- **Heavy-lift drones:** Multi-mile-range drone that can carry up to 100 pounds to deliver supplies and drop in portable connectivity gear.
- **Search and rescue drones:** Specialty drones with thermal and high-resolution cameras with LiDAR (laser-based 3D mapping) to locate people, map damage, guide crews, and provide scene lighting and one-way broadcast communications – purpose-built for disaster environments.
- **Tethered drones:** Ground-anchored drones that remain aloft up to about 400 feet, creating a temporary cell-coverage bubble about two miles wide that can run continuously.
- **Broader reach:** US Cellular customers now have access to our nationwide network and disaster-response resources.

# How we respond

## Response operations

Because we know how important quick response is, we have multiple strategies in place for emergency management and rapid response to quickly address and respond to all types and sizes of events and to support our customers across the globe. We understand the importance of reliable communications and always-on connectivity. We have a long history of moving quickly and efficiently in emergency situations to ensure our customers can stay connected when they need it the most.

When our network team receives notification of an actual or potential situation that requires activation (such as a hurricane, earthquake, regional power outage, or another event where business as usual would not resolve the situation), a virtual T-Mobile Emergency Operations Center (EOC) is established to oversee and manage our response to an event from the beginning to end. This EOC performs an initial overall assessment, establishes monitoring bridges, coordinates between agencies impacted by the event, assigns tasks, gathers status information, and performs executive notifications at prescribed times.

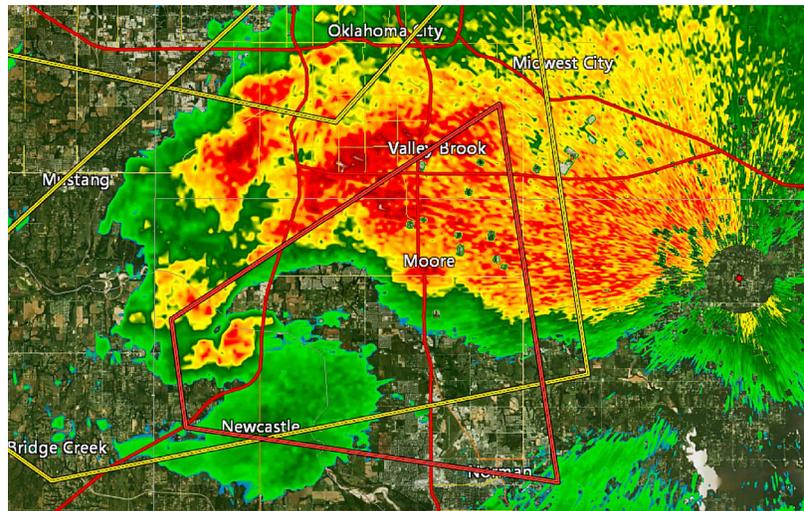
We maintain an organized and integrated suite of disaster plans and procedures. To aid in situation assessment, response, and resource tracking, our network teams leverage tools such as:

- Hardened GPS-enabled phones
- Wireless modems
- Custom applications
- IoT solutions
- Smartphones

These multilayered investments are designed to deliver industry-leading service continuity.

We proactively prepare our network for disasters to leverage the AI and automation-driven Self-Organizing Network (SON), which continuously monitors performance and makes real-time adjustments such as rerouting traffic, tilting antennas, managing backup power and extending battery life.

When disaster strikes in one area of the country and there is a need for additional on-the-ground support, we have an **Emergency Volunteer Team** comprised of our employees across the US who personally volunteer to go into disaster-impacted areas to help keep our customers connected.



## Public safety grade preparedness and response

Strengthening emergency response plans for our public safety customers and critical infrastructure partners is a long-standing practice at T-Mobile. A component of the T-Mobile Emergency Management Team is our Emergency Response Team (ERT)—a national group with vast experience in all aspects of public safety operations and mission-based support. ERT is available 24/7, coordinating the necessary resources to help ensure reliable network services are available for public safety and first responders.

### Preparation

ERT personnel engage proactively with local, state, federal, and critical infrastructure planners. This includes collaboration with leaders from organizations such as the Department of Defense, the Federal Emergency Management Agency, the Department of Homeland Security’s Critical Infrastructure Security Agency (CISA), and the Federal Communications Commission. Long before events occur, they work on:

- Policy development
- Response frameworks
- Best practices
- Training coordination
- Exercises
- Enhancing national readiness

This collaboration promotes the readiness and operational capacities of new T-Mobile as well as local, state, and federal entities, and other critical infrastructure and essential service partners.

### Response

During times of crisis, our ERT personnel who are coordinating recovery with our National Emergency Management and Network Teams remain in lockstep with emergency management, Homeland Security, and public safety officials. Through our collaboration with the National Communications Coordination Center and through state and local emergency operations centers, our representatives can:

- Gather and share information
- Mitigate environmental and operational concerns
- Facilitate protective measures
- Enhance rapid response and recovery capabilities
- Facilitate cross-sector coordination and collaboration



SatCOLT deployed for Hurricane Ian response.

### Enhancing first response

Our Emergency Management and Emergency Response Team (EM/ERT) provides a full suite of first response capabilities.

This includes:

- **A national cache** of handsets, hotspots, charging stations, and Wi-Fi equipment to help address surge demands on emergency management and public safety operations.
- **A national fleet of mobile deployable assets**, including SatCOLTs, portable satellite antenna systems, and other tactical communications systems provide necessary and specialized infrastructure to support government and operations.

This collaborative approach not only ensures our continuing capabilities to serve but also helps address the restoration of critical resources overall.



## Sales and retail operations

We monitor the impact of events on our local stores to protect the safety of our employees and customers. Depending on the unique impacts of each natural disaster, we've offered account relief, enhanced services, free devices, and accessories to help customers and the broader community meet their communication needs. Working with local officials, our fleet of trucks is deployed for community support efforts at evacuation centers, shelters, distribution points, and damaged stores, providing a point of contact for supplies and information.



## Community support

Over the past year, we have enhanced our Community Support fleet to better serve communities in the aftermath of disasters. The fleet now includes upgraded Wi-Fi trucks and trailers, mobile command centers, heavy-duty pickups, and Super Class C RVs, all deployed nationwide to shelters and community hubs to provide free Wi-Fi and device charging when and where they are needed most.

We've invested \$4 million to expand and modernize the fleet, increasing its size and flexibility to maximize community support. Currently, the fleet features over 30 specialized units, many equipped with state-of-the-art technology designed to deliver reliable service even in the most challenging coverage areas. These assets leverage Starlink connectivity to provide up to a half-mile of Wi-Fi coverage. In addition, they offer robust charging solutions for phones, laptops, and even critical medical equipment, ensuring communities can stay connected and powered during recovery efforts.

## Maintaining a dynamic approach

The T-Mobile Enterprise Continuity Program dynamically evolves to adapt to ever-changing events, technology, and disruptions and our policies and procedures will change over time from what is described in this document.