



RESILIENCY SERVICES CAPABILITIES OVERVIEW

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The Auroros Advantage:

Auroros provides turnkey solutions, guiding companies through the process of gaining resilience sensibly and in support of an organization's purpose. Auroros' proprietary Resilience Maturity Model focuses on an organization's purpose and operational requirements. The same proven techniques the U.S. Military follows to refit and prepare expeditionary forces for deployment and successful operations within failed nation states are utilized. As a matter of fact, Auroros helped the U.S. Marine Corps and Army improve their techniques. The discipline of Enterprise Architecture is a key advantage in balancing and harmonizing the transformation process. The problem is framed in two parts. First, recognizing the best strategy and core operational requirements, and then the processes, people, systems, infrastructure, and key dependencies they rely upon. This approach clarifies what often appears to be an overwhelming dilemma of managing numerous hazards, stakeholders and solution providers.

What is a Resilient Organization or Community?

Provisioning for sustainability and hazard survivability based on strategic and operational priorities. There are emerging sustainability trends, which add zero-energy enhancements and sustainable materials to buildings, and on-site food production or urban village modules to suburban developments. Green solutions provide a solid foundation. While exciting, these capabilities still are unprotected from long-term disruptions to our ever more automated and just in time infrastructure powered by electricity. The chief hazards are cyber-attacks, solar weather (Geomagnetic Disturbance, "GMD") and Electromagnetic Pulse (EMP).

Resilient capabilities may be applied to a single structure, or city sized. They incorporate themes that leverage sustainability and mitigate the risks caused by long term or permanent disruption of the larger infrastructure grid. For existing communities, the first step is taking inventory of legacy infrastructure, security, and dependence on external capabilities such as water or power. The next step is determination of resilience goals, which include an assessment of sustainability, hardening key infrastructure or revising procedures such that core operations can be sustained for up to 400 days disconnected from the grid. This is followed by planning and installing measures that mitigate the hazards, to include use of GMD, EMP, and Cyber attack protection. Provision for the health and safety of occupants is considered, including onsite food and water production.

Auroros can show where the most 'risk for serious harm' is to your organization's business purpose. Auroros provides mitigation assessments and planning that makes sense to business decision makers, and allows practical apples-to-apples choices between investments in sustainability, hazard mitigation and other capital investments.

RESILIENCY SERVICES

- ◆ Community Development- Whole of Community Mixed-Use: Agricultural, Residential, Office, Commercial, Industrial
- ◆ Resilience assessments/upgrades/ retrofits
- ◆ Transformation Planning and Management
- ◆ Public-Private Partnerships
- ◆ Program and Contract Management
- ◆ EMP/GMD/Cyber Resilient
- ◆ Onsite Power Production (Solar, Wind, Hydro, Methane, Hydrogen)
- ◆ Microgrid / Smart Grid
- ◆ Communications / Data
- ◆ Water / Waste Water
- ◆ Passive Solar Buildings
- ◆ Onsite Food Production
- ◆ Self-Sufficiency
- ◆ Survivability

APPROACH

- ◆ Phase I: Site Assessment
- ◆ Phase II: Site Assessment enhancement (if needed)
- ◆ Phase III: Design
- ◆ Phase IV: Implementation

Auroros, named after the aurora borealis, provides Resilience Services as an extension to other core capabilities of governance, project portfolio management, emergency planning and operations management, technology consulting and enterprise business consulting. Auroros is a strategically placed and results-oriented small business. Past clients include RTI, ValueOptions, HQ Marine Corps, HQ Army, the DoD CIO, the Office of Secretary of Defense, CENTCOM and the FBI. Service Disabled Veteran and Woman owned. Founded as a response to 9/11's aftermath.