

CLINICS ON WHEELS
ENGINEERED BY WORLD HOUSING SOLUTION

ELASTIC GRID™

RAPIDLY DEPLOY REDUNDANT UTILITIES ANY PLACE, AT ANY TIME



SUSTAINABLE & OFF-THE-GRID

The WHS Elastic Grid is a fully mobile, daisy-chainable, power, water, and communications technology for built-in redundancy and off-grid deployment. It supports the ability to easily scale an entire grid by adding or removing daisy-chained units. This grid automatically detects and compensates for added or removed units, reducing the overhead associated with self-managed traditional infrastructure. An Elastic Grid refers to the ability to always provide the precise amount of resources needed. Built-in redundancy ensures the required water, power, or communication provisions are available at all times. This keeps the grid stable, reliable, and highly cost-effective.

POWER

Every Mobile Response Unit has battery backup capability. The batteries feed a clean sine power to the entire ElasticGrid™, ensuring sensitive electronics a safe ongoing power supply. The battery backup bank can also be charged by generators or municipal grid when available. This redundancy ensures always available power support the highest likely hood of being maintained.



WATER

Every Mobile Response Unit has water from air or filtration and storage capability. This allows for the MRUs to arrive on site ready for service but also self-replenish. Some larger installation may require an MRU that focuses only on water production and bottling.

COMMUNICATIONS

Every Mobile Response Unit can connect to Satellite or Cellular based on need and location. MRUs have a wired or wireless intranet that maintains connectivity from one MRU to the next, expanding strength and capacity as more MRUs are added to the deployment.



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