



## Smart Data Centers Feature Editorial

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# Custom Storage Teams Up with Elliptical Mobile Solutions to Offer Data Center Solutions

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Custom Storage, a provider of data storage solutions that protect and handle mission-critical data of various organizations, recently partnered with Elliptical Mobile Solutions (EMS). This partnership results in the provision of its lucrative, energy efficient and flexible data centers to Custom Storage clients.

EMS claims to be the one and only company in the world that delivers Micro-Modular Data Centers at the rack level with onboard cooling, security and fire suppression. With the help of these mobile data centers, the Custom Storage clients are able to immediately attain easy-to-move data centers without the expenditure of retrofitting or remodeling.

Custom Storage is planning to deliver two EMS mobile data center solutions: C3 ([News](#) - [Alert](#))-S.P.E.A.R - This is a 22U, vendor neutral, self-propelled, electronic armored rack enclosure. The S.P.E.A.R. is designed in such a way that it offers agile and high-density data center applications. The chief priorities of these apps are mobility, protection, environmental protection, and disaster tolerance. R.A.S.E.R. – This is a full-height, 42U, vendor neutral MMDC. Customers are able to start with a single R.A.S.E.R. and they can add extra R.A.S.E.R.s as their data center requires growth with no major construction or retrofitting.

Some of the features and advantages offered by both the small, scalable mobile data center and the full-height data center include:

- Vendor neutrality that ensures easy deployment of any equipment that will fit into an industry-standard 19" rack

- Patented cooling that can be used to offer HVAC within the enclosure instead of cooling the entire room. This greatly decreases the cooling expenditure to a maximum of 80 percent over a traditional data center model
- Capability to effortlessly move or relocate
- Patented shock and vibration system that can be exploited to safeguard the equipment from being damaged at the time of transit
- Passive and active on-board fire suppression which removes fire before it causes any damage to the equipment
- Totally sealed system which shields equipment from the elements and is able to function in any weather condition
- Cyberlock encryption security with 4,000 user audit trail in order to safely keep the data
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Overall, these features guarantee the provision of a fully scalable self-contained mobile data storage solution for SMBs, remote offices, or large data centers.

*Carolyn John is a Contributor to TMCnet. To read more of her articles, please [columnist page](#).*

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