TACTICAL DATA PROTECTION APPLIANCE

— POWERED BY —
DELLTechnologies

Tracewell T-4400

Based on the Dell EMC PowerProtect DP4400 Appliance

U.S. Department of Defense (DOD) agencies need to protect an ever-increasing amount of data generated from a growing ecosystem of mission critical applications. These agencies recognize they need to protect data at its source in order to meet compliance and security requirements while also reducing the overall cost and complexity of their storage infrastructure.

As enterprise computing moves from traditional data center environments to the edge, storage platforms must make it possible to seamlessly extend data protection applications. Traditionally, this has not been an easy task. Many of today's enterprise data protection solutions were designed to operate in a standard data center environment or are cloud centric. Few solutions focus on delivering data protection for tactical environments. As a result, defense planners are left with tactical data protection strategies that offer point or incomplete solutions, that rely on replicating data snapshots thereby introducing unnecessary risk in forward operating missions.

Maximizing Data Value

A 'Data First' Approach

As the demand for enterprise grade capabilities at the tactical edge grows, a 'Data First' approach is required. Protecting mission-centric data is key to drive real time decision making where decisions need to be made with the most accurate and reliable data. A 'Data First' approach prioritizes and supports key requirements of data management at the tactical edge – for example, protection against cyberattacks and data corruption.

DATA PROTECTION FROM THE BACK OFFICE TO THE FIELD

Converged and Comprehensive

Includes integrated protection storage, protection software, search and analytics.

Protects across a broad and diverse application ecosystem and TAA requirements.

Fast and Modern

Full control of backup and recovery using the application direct feature.

Flash-enabled for faster performance and instant recoverability.

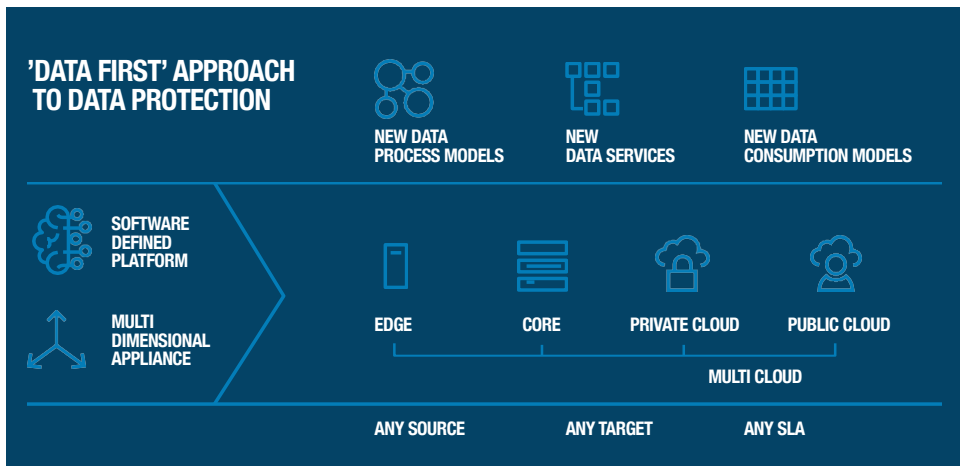Protection for modern applications and optimized for VMware virtual environments.

High Value and Low TCO

Industry-leading de-duplication eliminates redundant data, reducing the risk of a data breach, cutting transmission and storage costs while increasing back up speed and reliability.

Enterprise Applications / Databases

Oracle, SAP, Microsoft Exchange, SharePoint, SQL Server, MySQL and more

Hypervisors:
VMware, Microsoft Hyper-V

'DATA FIRST' APPROACH TO DATA PROTECTION

NEW DATA PROCESS MODELS

NEW DATA SERVICES

NEW DATA CONSUMPTION MODELS

SOFTWARE DEFINED PLATFORM

MULTI DIMENSIONAL APPLIANCE

EDGE — CORE — PRIVATE CLOUD — PUBLIC CLOUD

MULTI CLOUD

ANY SOURCE — ANY TARGET — ANY SLA

— POWERED BY —
DELLTechnologies

The Dell EMC PowerProtect DP4400 Appliance

Dell Technologies is the market leader when it comes to purpose-built storage backup appliances. The Dell EMC PowerProtect DP4400 is an all-in-one data protection solution that is the perfect mix of simplicity and power for edge environments – delivering a low cost-to-protect ratio.

Dell EMC PowerProtect DP4400 Appliance delivers 8TB-96TB of backup and recovery capability and protects up to 5PB of usable logical capacity.

The Tracewell T-4400

Tracewell Systems has teamed with Dell Technologies to adapt a standard Dell EMC PowerProtect 4400 to operate in a wide range of tactical environments. The Tracewell T-4400 offers an unrivaled value proposition – the ability to run the same data storage appliance – and same solution footprint – in a traditional data center environment as well as in the field.

For more than 40 years, Tracewell Systems has adapted enterprise class technology to support mission critical computing for strange and unusual places, where commercial technology was not designed to operate. Built from the ground up in partnership with Dell Technologies, the Tracewell tactical version of the Dell EMC PowerProtect DP4400 (T-4400, for short) features all of the benefits of – and is electrically identical to – the standard Dell EMC PowerProtect DP4400. The T-4400 has been tailored to meet a wide range of tactical requirements and features a transit case-based solution optimized for rugged, MIL-SPEC deployment delivering full Dell EMC PowerProtect DP4400 Appliance capabilities at the edge.

For programs and missions that require further platform adaptations, such as integration with third party technology, or All Flash Storage Systems, additional platform customization is available. The Dell EMC based T-4400 can be ordered directly through Dell Technologies (with a standard part number) backed by its secure supply chain, global warranty, service and support (including DOD services / cleared access personnel).

The Tracewell T-4400

The Tactical T-4400

ABOUT TRACEWELL SYSTEMS

For more than 40 years Tracewell has enabled the nation's largest military and commercial organizations to deliver powerful and reliable computing solutions in environments where size, weight, power and other constraints present challenges that cannot be met by standard computing systems. Tracewell Systems have been recognized by the top names in the defense and technology sectors for their commitment to Trusted Innovation – a process where the company solves previously impossible, sensitive, mission-critical platform challenges through customer solution design, engineering and manufacturing, all under one roof.
More information: www.tracewell.com

January 2021 | Tracewell