

Tactical PowerScale (T-F200 / T-F600)

Delivering Dell EMC PowerScale capabilities to the edge

Overview section

Tracewell Systems Tactical PowerScale is the first and only platform designed to deliver Dell EMC PowerScale capabilities beyond a traditional data center environment to support a wide range of tactical or field applications.

Tactical PowerScale is electrically identical to a standard Dell EMC PowerScale product – only the form factor has changed. As a result, the platform provides a familiar and consistent experience for deploying and managing storage needs, from the data center to the rugged edge.

Tactical PowerScale is available in F200 and F600 Dell EMC clusters integrated into a rugged, shock and vibrate isolated transit case optimized for use in harsh, unusual or space-constrained locations. The platform enables high-performance, scale-out file storage to support a wide range of mobile, portable or other demanding use cases for a wide range of sectors, including government, defense, energy, mining, broadcasting and marine, to name a few.

For users, there are no differences between Tactical PowerScale and the standard Dell Technologies PowerScale family of products (Isilon or PowerScale). Dell EMC's industry leading scale-out NAS software, OneFS, along with other powerful software tools like SmartConnect, SyncIQ and Snapshot IQ, are available whether you are running in an established data center or in a harsh, mobile or forward deployed environment.

The base configuration consists of one primary case and one secondary or expansion case. The primary case includes two PowerScale switches and one PowerScale node. The secondary or expansion case includes two PowerScale nodes; the system can scale out by adding additional secondary or expansion cases. The Dell EMC based Tactical PowerScale can be ordered directly through Dell Technologies (with a standard part number) backed by its secure supply chain and can be set up to enable global warranty, service and support (including DOD services / cleared access personnel).



**Tactical PowerScale
(F200/F600)**

Tactical PowerScale Configuration

Primary Case (4U)



2 PowerScale Back End Switches

1 PowerScale node
(F200 or F600)

Secondary or Expansion Case (4U)

2 PowerScale nodes
(F200 or F600)

Configuration Information

Primary Case

(one per configuration)

(2) PowerScale Back End switches and
(1) PowerScale node per case.

Adapted for tactical use. Configuration options are the same as the standard Dell EMC PowerScale.

Height: 13.6" Width: 23.8"
Depth: Operation (transit covers removed): 25.6"
Depth: Transport (transit covers installed): 31.5"

Weight: 104 lbs. each
(including two switches and one node). Estimated.

Secondary or Expansion Case

(minimum one per configuration)

(2) PowerScale nodes per case.

Adapted for tactical use. Configuration options are the same as the standard Dell EMC PowerScale.

Scale out storage can be added up to 5 additional cases. A total of 12 nodes can be supported.

Height: 13.6" Weight: 23.8"
Depth: Operation (transit covers removed): 25.6"
Depth: Transport (transit covers installed): 31.5"

Weight: 115 lbs. each
(including two nodes). Estimated.

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