The Tracewell T-7040 rack mount chassis houses up to 12 standard Dell Wyse 7040 thin clients.

Dell + Tracewell

Delivering Dell's Wyse 7040 Thin Client in a High-Density System for Physical Desktop, Virtual Desktop Infrastructure (VDI) and Cloud Computing

Businesses, OEMs and U.S. Government agencies are turning to thin and zero client technologies to power the virtual desktop integration (VDI) and cloud computing solutions they need to transform how they meet their IT needs.

These organizations recognize that innovations in thin client technologies offer computing solutions that deliver greater performance, are significantly more cost effective, offer greater flexibility and scalability and are much easier to manage and support. For organizations that require solutions that control physical access to applications and critical data, thin clients have emerged as an effective tool in ensuring data protection and overall security. For example, one government agency worked with Dell and Tracewell to create a thin client solution that secured the hardware in a locked environment (such as a vault, data center or cabinet) while enabling users to separately access computer displays and keyboards for their specialty, mission critical applications.

SOLUTION OVERVIEW

Tracewell Systems teamed with Dell to create the T-7040, a rack mount solution designed to help organizations manage their thin client projects with data center like efficiency. The T-7040 organizes Dell Wyse thin client products in a rack mount chassis making it the perfect solution for customers that need to support a large number of users in a dense computing environment where space, organization and security are a priority. The T-7040 also makes it possible for users to separate their thin client hardware from their monitor and keyboard functions into locked or protected cabinets making it ideal for users that need remote computing capabilities with enhanced security.

Tracewell T-7040

Dell's Wyse thin clients deliver high-performance, enhanced security and easy manageability in a compact form factor that integrates into any physical desktop, virtual desktop or Web based infrastructure.

The T-7040 is ideal for users that need to organize and manage their thin client implementations in a secure, compact and easy to manage rack mount form factor with redundant power, simplified cable management and the ability to add third party and specialty technologies in a fully integrated chassis. And because the T-7040 features off-the-shelf Dell Wyse thin clients housed in a carefully engineered sled they can be removed from the chasssis and serviced with standard Dell warranty and support.

BEST OF BOTH WORLDS
Standard Dell thin clients in a rack mount format ideal for data center like infrastructure organization to support remote computing solutions where hardware can be separated from the monitor and keyboard.

COMPACT CHASSIS
7U standard 19" rack mount chassis with simplified cable management. 10.5" depth (front to back). Supports up to 12 Dell Wyse 7040 thin client units per rack with each thin client housed in a removable sled.

REDUNDANT POWER
Rack mount chassis provides 110V redundant AC power distribution to each thin client sled. Automatic Transfer Switch (ATS) features dual AC inputs for AC power redundancy.

THIN CLIENT SLEDS
Each sled holds one Dell Wyse 7040 thin client and one AC to DC power adapter.

FULLY COMPATIBLE
Features unchanged Dell thin clients in a rack mount enclosure – ensuring the standard Dell thin clients follow normal Dell warranty, service and support.

EASILY CUSTOMIZABLE
Rack mount chassis can easily add a wide range of third party technology and specialty components creating a fully integrated platform.

SECURE SUPPLY CHAIN / TAA

ABOUT TRACEWELL SYSTEMS

Tracewell's T-FX2 family of products, based on Dell PowerEdge FX, represents the company's fourth generation of blade-based systems engineered to deliver high-performance computing in a form factor designed for forward deployment in space-constrained environments, such as in the air, at sea or on land, in unique fixed or mobile installations. The company has a 40-year history of enabling 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 has become 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 custom solution design, engineering and manufacturing, all under one roof. For more information, www.tracewell.com.