

# Talon FAST™ Software

*Next-Generation software-defined storage for distributed enterprises*

## Factors impacting the Distributed Enterprise

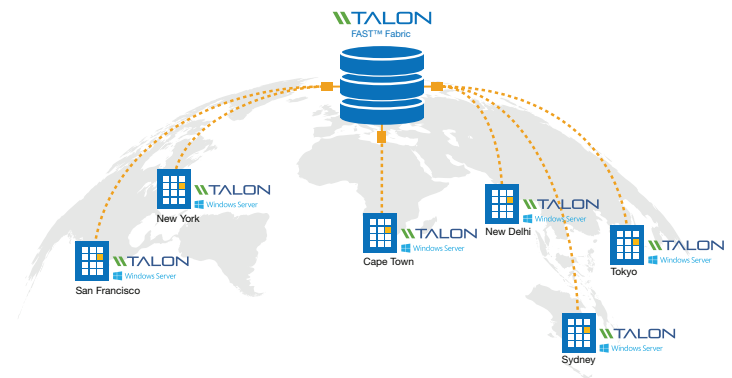
Today, one of the biggest challenges that organizations face is the excessive growth of unstructured data and the inability to centrally manage those data sets efficiently. Considering that more than 80% of unstructured data resides at distributed locations, organizations struggle to manage these “Islands” of data, resulting in complex and costly IT management. Subsequently, business productivity is impacted as knowledge workers are unable to collaborate.

## Next Generation Software-Defined Storage

Talon FAST™ Enterprise Edition allows businesses to centralize unstructured file data, leveraging customer’s existing traditional datacenter or cloud storage infrastructure while consolidating distributed storage and IT assets. The software enables enterprises to centralize unstructured file data and transparently extend this to users globally, leveraging FAST™ Intelligent File Caching technology, to provide real-time global file sharing and collaboration to their end users.

Talon FAST™ transparently fits any IT environment as the solution is storage agnostic. Whether you want to leverage your existing traditional file server or private / public cloud storage infrastructure, FAST™ immediately extends the value of central data set to distributed locations.

Discover Talon FAST™, the latest advancement in high performance software-defined storage centralization and consolidation for distributed enterprises.



## Talon FAST™ Benefits

### Centralize and Secure Data

Create a “Single Set of Data” using existing traditional datacenter, hybrid-cloud or full cloud datacenter infrastructure

### High Performance

Creates a flexible Intelligent File Cache at the branch for maximum performance and optimal end user experience

### Global File Sharing

Delivers enterprise global file sharing with distributed file locking, allowing 1000’s of users to collaborate in real-time

### Microsoft Integration

Runs on Windows Server, transparently integrates with Microsoft Azure, Active Directory, ACLs and NTFS permissions

### Cut Storage Costs

Modernize branch office IT infrastructure and systems management by reducing complexity and cut storage costs

### Eliminate Branch Office Backup

Consolidate distributed file storage to a central ‘authoritative’ data set and eliminate branch office backup



## Drastically reduce storage footprint

Talon FAST™ enables distributed branch offices to drastically reduce their storage footprint by only caching active data sets, which means that users have immediate access to all centralized data, which could be 100's of TB's or even PB's of unstructured data, but only cache data that is relevant to them or actively used by other users in the office.

Additionally, as the active dataset ages over time, the FAST™ Intelligent File Caching purging mechanism allows to clear the least recently used (LRU) cached files from the local storage volume. This allows the cache to be hydrated with relevant data only.

## Streamline and Simplify Branch office IT

As organizations are aiming to centralize and consolidate their branch office IT storage assets, eliminating complexity and backup provides significant cost savings. As Talon FAST™ deploys transparently on a (virtual) Microsoft Windows Server instance on traditional servers or virtualization platforms like Microsoft Hyper-V or VMware vSphere, enterprises can consolidate local storage and embed services like Microsoft Active Directory, DNS/DHCP, DNS, DFS Namespaces and Software Distribution in their streamlined and standardized branch office IT image.

## FAST™ Fabric, Storage Agnostic

By overlaying the Microsoft Windows File Sharing mechanism, virtually every backend storage platform that stores unstructured data, can be made accessible globally by implementing Talon FAST™ software.

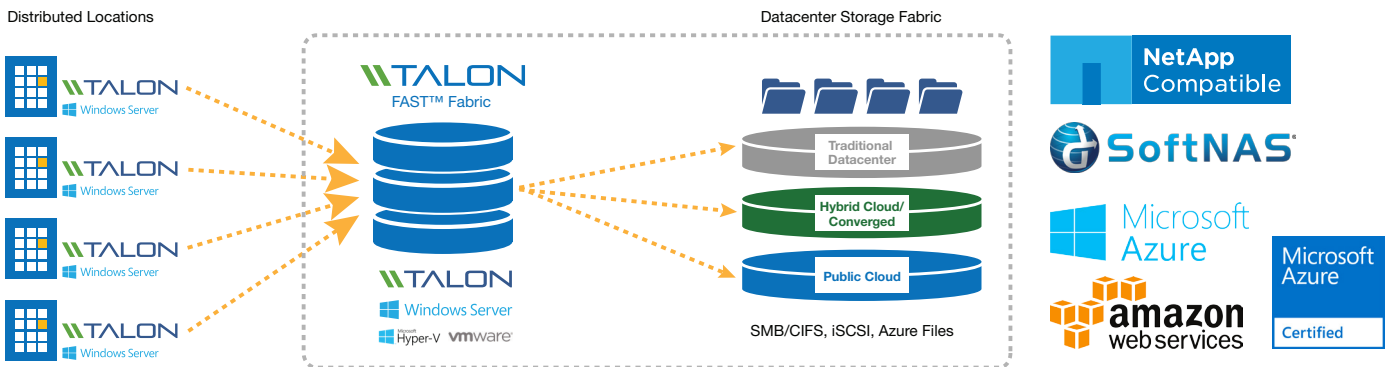
FAST™ provides a Virtual File Share and Intelligent File Cache at each edge location, fully integrating with Microsoft security principles like Active Directory, ACLs, NTFS permissions and DFS Namespaces. This delivers performance at a global scale, even in locations that are challenged with poor connectivity.

## FAST™ Key Benefits

- **Flexible:** Storage agnostic, works with any SMB/CIFS or iSCSI platform that provides access to unstructured file data
- **Intelligent:** Caches only what's needed at the branch
- **Zero-touch:** Automatically purges 'stale' cached files over time (LRU) from the NTFS-based Intelligent File Cache
- **Performant:** Compresses, streams and reduces data between FAST™ Edge and FAST™ Core instance(s)
- **Secure:** Supports end-to-end SSL encryption (SHA256)
- **Consistent:** Ensures real-time distributed file locking for enterprise applications

## Ensure optimal user experience

With Talon FAST™ software, your distributed users are guaranteed an optimal application experience, accessing and collaborating on data in real-time, which feels as if they're all working from the same office.



## Talon FAST™ Enterprise Edition

- ✓ Talon FAST™ software runs on Windows Server 2012 R2 and Windows Server 2016
- ✓ Fully integrates with customer's Microsoft ecosystem (ADDS, DNS/DHCP, Print Services, SCCM, SCOM, PowerShell)
- ✓ Simple Installation and Management, designed for Microsoft administrators (UI, PowerShell, DSC)
- ✓ Includes Systems Center Operations Manager 2012 R2 (SCOM) Management Pack

## Software Subscription

- ✓ Annual or multi-year software subscription
- ✓ Subscription is based on the amount of sites / distributed locations
- ✓ Includes all software, documentation, updates and web / phone support