Enterprise-class WAN optimization
FUJITSU Interstage Information Integrator (III) is software designed for speeding up a broad range of TCP/IP applications between datacenters, branch offices and clouds. It uses Fujitsu’s proprietary WAN optimization protocol to solve network quality and distance challenges. FUJITSU III delivers the following benefits:

- Accelerate the performance of centrally hosted applications
- Improve user experience and boost productivity
- Avoid expensive WAN upgrades and reduce network costs
- Enable key IT initiatives using cloud

Innovative technologies
FUJITSU III utilizes a powerful combination of Fujitsu patented network optimization technologies (RPS, UNAP, R-TSP) to achieve WAN optimization. Key Fujitsu technologies include:

- Random Parity Stream (RPS): Patented technology for UDP to recover data that has disappeared when packets are lost. It maximizes data transfer speed even on low-quality networks.
- Reconfigurable-Transport (R-TSP): Dynamic protocol selection technology that measures and analyzes network conditions in real time and dynamically selects the most suitable communication method.

Applicable to a broad range of applications
- File sharing applications, such as Windows CIFS
- Web-based applications (HTTP/HTTPS)
- Collaboration applications, such as Microsoft SharePoint
- Backup and replication applications from leading vendors
- Virtual Desktop Infrastructures (VDI) applications, such as Citrix XenDesktop
- Unified communications applications, such as VoIP, video conferencing, video streaming
- Other TCP/IP applications, such as ERP, CRM

Complete network security
FUJITSU III encrypts data that flows over the network. AES encryption algorithm ensures data security with only a small impact on network performance.

Unlike other WAN optimization appliances, FUJITSU III uses proprietary protocols that do not employ caching techniques. This prevents any possible leak of sensitive information from cached data on local storage.

Quick and flexible deployment
FUJITSU III can be deployed with virtual in-path (using packet redirection) or out-of-path configuration. It can be connected anywhere in the LAN, and deployed with a redundant configuration for mission-critical networks.

Access from anywhere, anytime, on any device, over any network
FUJITSU III provides comprehensive platform support from mobile workers to large-scale datacenters. Due to a small footprint, it can be comfortably used on mobile devices such as smartphones and tablets.

Windows management screen

Android management screen
Main features | Benefits
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**WAN optimization technologies** | ■ Accelerates data transfer speeds even on low-quality and high-latency network environments  
■ Guarantees the best access for each application flow and maximizes application performance  
■ Minimizes the impact on other important traffic and utilizes existing network bandwidth in the most efficient way

■ **RPS / UNAP**: Fujitsu’s proprietary UDP-based technology for network optimization  
■ **R-TSP**: automatically selects the most suitable communication method based on the network quality  
■ **Dynamic bandwidth control**: regularly checks the status of the network and actively controls the bandwidth

**RPS (Random Parity Stream)**
RPS uses a technology to create redundant data when it is encoded. If the packet is lost, it can restore any data using redundant data and avoid packet retransmission.

RPS technology is the perfect solution for environments where packet loss rates are high. This is because RPS does not need to retransmit the lost packets, allowing the network load to be kept at a low level.

**UNAP (Universal Network Acceleration Protocol)**
UNAP is a technology that can identify the reason why there may be a delay in delivery (packet loss, or temporary congestion on the network). If it determines the reason is packet loss, it will then retransmit the lost packet.

UNAP technology can help those environments where network latency is high. Additionally because UNAP doesn’t have encode and decode process, its overhead is few and CPU utilization can be kept at low level.

**Dynamic bandwidth control**
FUJITSU III regularly confirms an available bandwidth on the network and handles the bandwidth dynamically. Available bandwidth is used to its maximum, while the influence on other important traffic is minimized.

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**Supported Environment**

**Operating System**
- Windows
  - Microsoft Windows Vista, 7, 8
- Linux
  - Red Hat Enterprise Linux 6
- Solaris
  - Oracle Solaris 10, 11
- Android
  - Android OS 4.0, 4.1, 4.2

**Network type and technology**
- Broadband internet, Wireless networks, Satellite networks, Leased line, IPsec-VPN, MPLS-VPN