Harmonious and Universal Link Service

HULFT-WebConnect

HULFT
Agent

HULFT
Agent

HULFT
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HULFT
Agent

HULFT-WebConnect
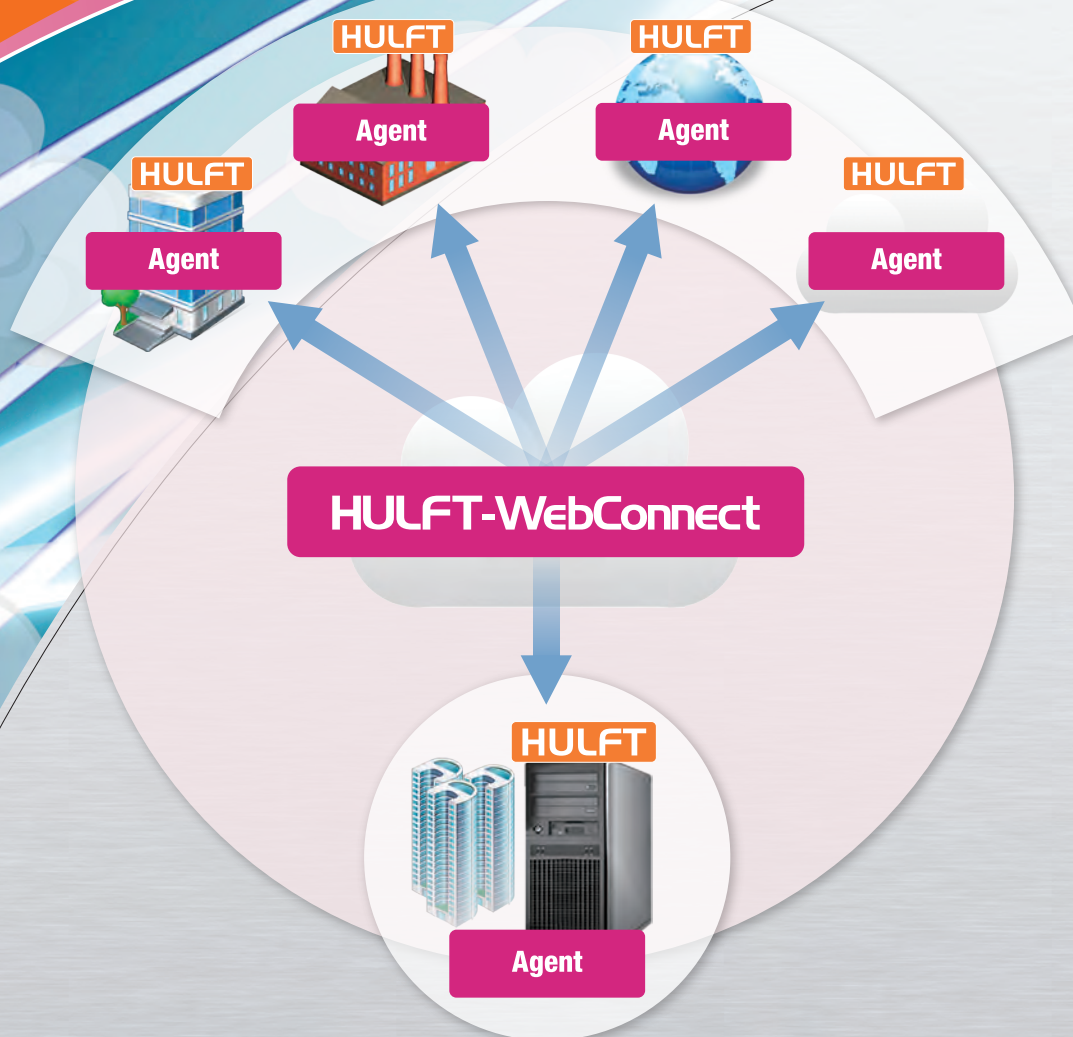
HULFT
Agent

HULFT file transfer
can now be performed easily via the Internet

✓ Cost

Setting up a VPN connection for data transfer with each new site is costly

✓ Security

Reluctant to transfer business data over the Internet due to security concerns
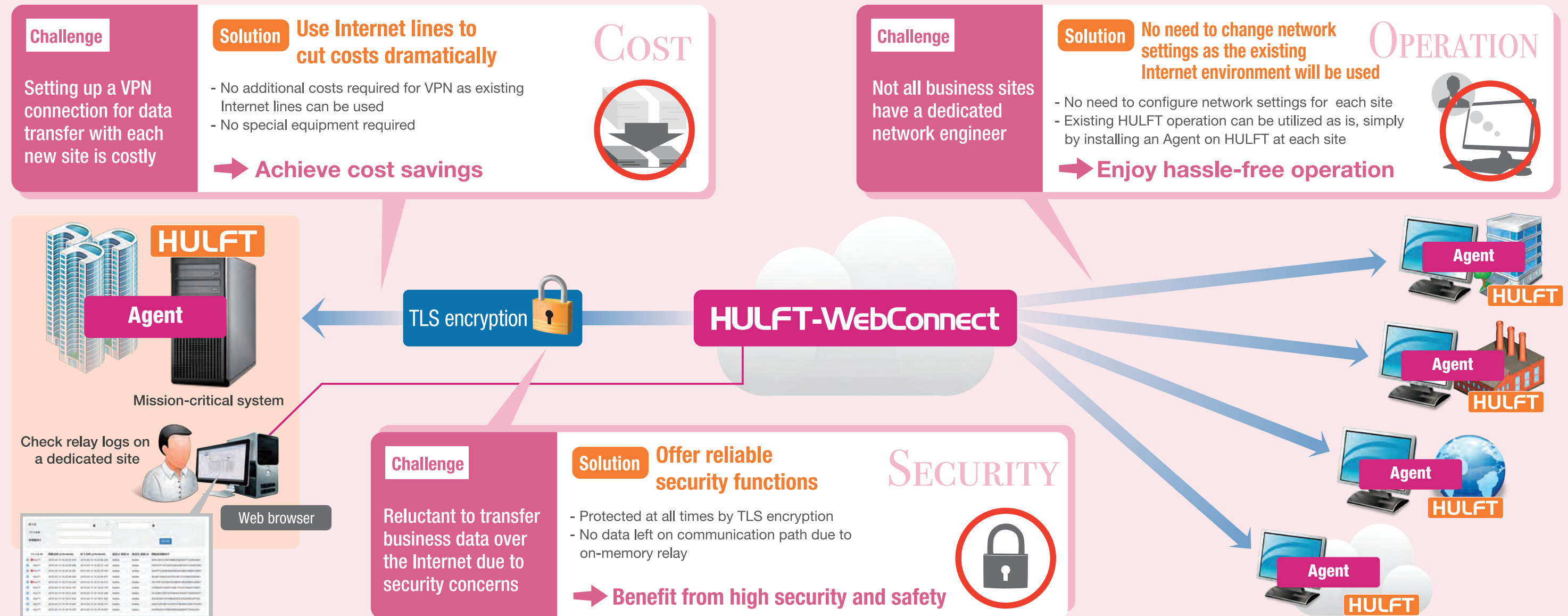
✓ Operation

Not all business sites have a dedicated network engineer

HULFT-WebConnect

**HULFT-WebConnect is a SaaS-type relay service that makes it easy to perform HULFT file transfer via the Internet.
Existing Internet lines can be used to link HULFTs for transferring files.**

COST

Challenge

Setting up a VPN connection for data transfer with each new site is costly

Solution Use Internet lines to cut costs dramatically

- No additional costs required for VPN as existing Internet lines can be used
- No special equipment required

➡ **Achieve cost savings**

OPERATION

Challenge

Not all business sites have a dedicated network engineer

Solution No need to change network settings as the existing Internet environment will be used

- No need to configure network settings for each site
- Existing HULFT operation can be utilized as is, simply by installing an Agent on HULFT at each site

➡ **Enjoy hassle-free operation**

SECURITY

Challenge

Reluctant to transfer business data over the Internet due to security concerns

Solution Offer reliable security functions

- Protected at all times by TLS encryption
- No data left on communication path due to on-memory relay

➡ **Benefit from high security and safety**

HULFT

Agent

Mission-critical system

Check relay logs on a dedicated site

Web browser

TLS encryption

HULFT-WebConnect

Agent HULFT

Agent HULFT

Agent HULFT

Agent HULFT

* "Agent" refers to HULFT-WebConnect Agent, which is software needed to perform HULFT file transfer using HULFT-WebConnect.
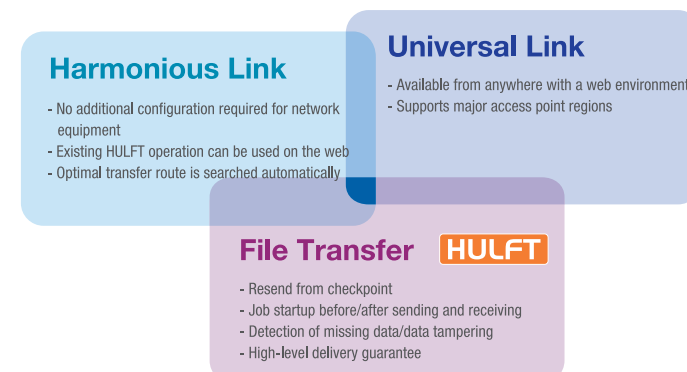

What is HULFT-WebConnect?

HULFT-WebConnect is a SaaS-type service that enables existing HULFTs to be used over the Internet with ease. An Internet connection is all that is required to use HULFT-WebConnect. As such, it is easy to introduce and inexpensive to operate. Being a SaaS-type solution, it does not entail maintenance and operation of equipment and therefore requires no dedicated engineers other than those for HULFT.

Advantages of HULFT-WebConnect

In addition to HULFT's file encryption and verification functions, HULFT-WebConnect offers advanced security features, including continuous application of TLS communication and on-memory relay, which leaves no data on disk. It enables highly secure connection with business partners and branches around the world inexpensively and helps reduce the operation labor.

Features of HULFT-WebConnect

HULFT stands for Harmonious Universal Link File Transfer. It is a product developed with the concept of linking all data over every type of platform and network.
Based on this concept, HULFT-WebConnect realizes safe data integration over the Internet.

Harmonious Link

- No additional configuration required for network equipment
- Existing HULFT operation can be used on the web
- Optimal transfer route is searched automatically

Universal Link

- Available from anywhere with a web environment
- Supports major access point regions

File Transfer HULFT

- Resend from checkpoint
- Job startup before/after sending and receiving
- Detection of missing data/data tampering
- High-level delivery guarantee

Benefits of using HULFT-WebConnect

Available for urgent site establishment/relocation

If HULFT is already deployed, HULFT-WebConnect does not require new equipment to be installed. If an Internet connection is available, services can be used immediately after application.

Realize multi-cloud data integration

HULFT-WebConnect can easily link HULFTs deployed on multiple clouds or an on-premises HULFT with a HULFT on a cloud platform via the Internet.

Available for INS line replacement

INS lines are scheduled to be replaced by Internet lines by around 2025. (The 2025 issue)
HULFT-WebConnect can be used effectively for data transfer after the shift to Internet lines.

Optimized remote transfer speed

In remote communication, packets take longer to reach their destination and be sent back, which causes network delays. By using HULFT-WebConnect to relay the communication, it will take less time for packets to be sent back and forth, optimizing transfer speed.

■List of HULFT-WebConnect Functions

	Function		Overview
File transfer	Relay transfer	File transfer by sending request	HULFT file transfer is performed using this service
		File transfer by resending request	HULFT file transfer is performed using this service
	Proxy connection		This service can be used via a proxy server
	Smart routing (automatic route search)		Searches the nearest access point/relay route for this service automatically
	Relay log output		Outputs the relay transfer results log (Relay logs can be checked on the service site)
Agent management	Provision of management commands	Startup command	Starts up an Agent
		Termination/forced termination command	Terminates/forces termination of an Agent
		Status confirmation command	Startup status of an Agent can be checked
	Service support		Agents can be started up as an operating system service
	Log output		Operational status and processing results of an Agent can be output to a log
Security	Continuous application of TLS communication		TLS encryption communication will be continuously applied when using this service, including HULFT file transfer
	Agent authentication		Agent authentication is performed using a connection ID
	Account login authentication		Account login authentication is performed when using the service site
	On-memory relay		This service/Agent processes user data being relayed on memory, without writing it to disk
	Relay permission setting		Permission for relay transfer between different connection IDs is set using a white list format
Others	Adoption of UTC timestamp		Timestamps on a relay log are shown in UTC
	Multilanguage display	Japanese language display	The service site and various guides are displayed in Japanese
		English language display	The service site and guides are displayed in English
	Agent download		The Agent used for this service can be downloaded free of charge from the service site
	Online help		Usage information for this service/Agent can be accessed on the service site

■Price List

Basic service

Item		Fee (tax not included)	Data transfer limit *1
Basic service *2	Base 100GB	¥30,000/month	100 GB/month
	Base 500GB	¥42,000/month	500 GB/month
	Base 1TB	¥57,000/month	1 TB/month
	Agent	Free	-

*1 Maximum total amount of data that can be sent using HULFT
*2 Purchases are made in one-month units, with the 1st of each month being the usage start date.
　Fees cannot be prorated.
　A set of 10 connection IDs is provided with basic service.
　Agent (HULFT-WebConnect Agent) is required software.

Additional subscription

Item		Fee (tax not included)	Additional ID
Additional connection ID *3	Add ConnectionID	¥2,000/month	1ID

Item		Fee (tax not included)	Data transfer amount
Additional data transfer amount *3	Add 100GB	¥3,000/month	100GB
	Add 500GB	¥15,000/month	500GB
	Add 1TB	¥30,000/month	1TB

*3 Additional subscriptions can be purchased in one-month units. Fees cannot be prorated.
　Please purchase in advance when additional capacity is temporarily required. The additional data amount will be added to the data transfer limit for the registered month.
　If the capacity required each month is not sufficient, please consider an upgrade when renewing your basic service subscription.

■Products compatible with HULFT-WebConnect

HULFT
The de facto standard file transfer software supporting mainframes, PCs, and more

	Ver.8	Ver.7
Windows	○	○
Linux	○	○

■Private cloud-type data integration middleware HULFT-WebFileTransfer

HULFT-WebFileTransfer
HULFT-WebFileTransfer is middleware for achieving secure and convenient data exchange with external destinations by establishing a private cloud-type data integration platform in a corporate environment.
It only requires an Internet connection and a browser to use on the client end, meaning no initial costs will be incurred for client users. As such, it is an optimal solution for exchanging files with external business partners that have not introduced HULFT.

For the latest information on supported environments, please visit **http://www.hulft.com/**