

Functions		Function Overview
Standard Functions	Log in/Sign out	Log in to HULFT Square using Users' credentials and log out afterward.
	Single Sign-On	Users can log in to HULFT Square using their domain credentials. Single Sign-On support: Microsoft ADFS, Microsoft Entra ID (Azure AD) *If Users subscribe to the Basic Plan, they can add the HULFT Square Single Sign-On as an Add-on to use it.
	Personal Settings	Users can view and edit Profiles for logged-in Users, set up multi-factor authentication, and change passwords. They can also view organizational information (including their AWS account ID and global IP address information), service plan information, and access tokens for running REST API Jobs.
Users Management	Users	Administrators can invite new Users and manage them together as a Group. Administrators apply Policies to the Groups to which Users belong and manage their permissions. *This function is only available to Administrators.
	Groups	The Group function allows Users to manage multiple Users with the same role. The Group function allows one or more Policies to be applied to multiple Users.
	Policies	Administrators create policies as permission collections. Multiple Users in a Group can be assigned the same permissions. Administrators are able to assign one or more Policies to each Group.
Settings	Workspace	Workspaces allow Users to share settings and data with other Users or Groups. Workspaces can be created for different purposes or teams, so Users can use them to work more efficiently.
	VPC Endpoint	Set up a VPC Endpoint in HULFT Square to connect to the customer environment (VPC). *Available by adding an Add-on to the HULFT Square Link if the customer has signed up for the Basic Plan.
	Password Policy	Users can manage Password Policies such as character limits and the number of days a password is valid.
	API Token Expiration	Users can set expiration dates for access and refresh tokens for API Client Authentication.
	Email Notifications	Users can set whether Email Notifications will be sent to Users when a Job fails to run or when the HULFT Integrate Service/HULFT Transfer Service stops or restarts. In addition, Users can also set a threshold (%) for the subscription to send Email Notifications to Users when the threshold is exceeded.
	Browser Notification	Users can configure Notifications of event results, such as state transitions of the HULFT Integrate Service/HULFT Transfer Service, successful Job execution, and addition of new applications.
Applications		Users can make Applications for Projects and Scheduled Jobs and can even duplicate Applications for further editing. Users can install, configure, and run vetted Applications from App Square. When installing Native Application Module(NAM), it will be placed under the service menu.
Service	Storage	Data used in HULFT Square is managed in Storage in the cloud assigned to each Users. Users can create directories, add files, and delete files.
	HULFT Integrate Service	When integrating data, the HULFT Integrate Service is used as the execution engine. Users can manage CPU resource allocation, memory size, scalability, and Groups to be authorized. Users can also see the HULFT Integrate Service's utilization of JVM Non-Heap Memory, CPU, and JVM Heap Memory, allowing them to restart the service based on usage and make decisions about scaling up or out.
	HULFT Transfer Service	Users can use the HULFT Transfer Service to transfer files to and from HULFT systems and HULFT Square. By creating and launching the HULFT Transfer Service, Users can use the File Transfer functionality from the ETL Scripts they make. *Available by adding an Add-on to the HULFT Transfer Service if customers have signed up for the Basic Plan.

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Data Integration	Projects	Users can create a Project and manage one or more associated data integration Scripts.	
	Profiles	Profile is a function for switching Connections, Variables, and Calendar resources settings. Users can set up a Profile on a Connection to switch between Connections without editing the Script.	
	Designer	Designer	Users can create Script design/development in a GUI called Designer.
		Scripts	An Operation processing unit represents the integration to the data source, and the entire processing throw is described graphically by connecting the icons of each Operation. Scripts can be created and executed by the Designer.
		Connectors	Connectors are provided as connections to data sources. Connector icons can be placed in Scripts to process various input and output data from different sources.
	Resources	Connections	Connections set up connections to data resources such as Databases and Servers. All Projects and Scripts can use them. Users can also manage Connections, including registering, modifying, and deleting them.
		Data Formats	Users prepare the data format resource and define the format in the Designer, allowing the Project (Script) to read either fixed-length or variable-length format files.®
		Variables	When a Users uses the same Variable in multiple Projects (Scripts), the Variable is set and managed as a Variable Resource.
		Schemas	The Schema is registered and managed as a resource if a Users uses the same Schema in multiple Projects (Scripts). *A Schema is a structure of input/output data used for Mapping between components.
	Calendars	Users can use the Calendar to set business and non-business days. Users can associate Users-created Calendars with Scheduled Jobs and schedule Script execution.	
Data Entry	HULFT Transfer	HULFT Transfer Receive Config	HULFT Transfer collection management information allows HULFT Square to receive files from the peer Host. *Available by adding HULFT Transfer from Add-on if the customer is subscribed to the Basic Plan.
		HULFT Transfer Send Config	HULFT Transfer Delivery Management Information is the setting for HULFT Square to send files to the peer Host. *Available by adding HULFT Transfer from Add-on if the customer is subscribed to the Basic Plan.
		Host Info	When using the HULFT Transfer Service, it is necessary to set up detailed information about the peer Host for file transfers. Peer Host refers to the information of the receiving Host when delivering from HULFT Square and the sending Host when receiving from HULFT Square. *Available by adding HULFT Transfer from Add-on if the customer is subscribed to the Basic Plan.
	FTP Service	SFTP Service	By creating an SFTP service in HULFT Square, secure file transfers using SFTP are possible. Connection is via the Internet. SFTP Service is provided as a native application. *Available by adding Add-on.
API Management	API Projects	Users can configure Data Integration to expose their Projects as REST APIs.	
	API Clients	Users can set a list of Users who can access the API for REST API Jobs and the IP addresses they are allowed.	

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Jobs	File Event Jobs	Users can create and manage Jobs that execute Scripts triggered by the creation, update, or deletion of monitored files.
	REST API Jobs	Users can create and manage Jobs to execute Scripts by externally calling the API exposed in the API Project via HTTP REST requests over the Internet.
	Schedule Jobs	Users can create and manage Jobs that execute Scripts according to the time, date, or day of the week set in the Schedule.
	HULFT Transfer Jobs	Users can create and manage Jobs to execute Scripts that use the HULFT Transfer Service and work with File Transfers (receive processes). *Available by adding HULFT Transfer from Add-on if the customer is subscribed to the Basic Plan.
	Script Dependencies	Users can see the Dependencies between Scripts due to Parent Scripts calling Child Scripts when creating or editing a Job, and their Script versions can be set at once.☐
Monitoring	Dashboard	Users can view the following items from the Dashboard. Storage usage data transfer volume in HULFT Square, number of Memory space and vCPUs allocated to the Integrate Service, number of VPC Endpoints created, and number of REST API Job executions.
	Application	Users can check the execution status of the Application as an Event Log.
	Service Events	Users can view Event Logs for Scripts that integrate data and the status and execution history of receive and send processes that transfer files. Users can also filter functions to view details of service logs and Script execution and extract errors in the logs.
	Job Events	View the status and execution history of File Event Jobs, Scheduled Jobs, and HULFT Transfer Jobs.
	Audit Log	The Audit section allows Users to view logs of Users access records, system events, login history, and storage operations. Users can download together access logs for REST API Jobs. System Events and login history can be logged and downloaded in the specified Workspace Storage.
Support	Support Center	The Support Center is the site for HULFT Square Support. Users can contact Technical Support by creating a ticket through the form when they face a problem or have a question.
	Documentation	Documentation is the manual site for HULFT Square.
	HULFT Square Status Site	HULFT Square Status Site is the site for HULFT Square operational status announcement. Users can check HULFT Square service availability and incident information from here.