

# Key Functions by Main Service Flow

Service Stage	Function Name	Explanation	Expected Benefit
1. Project creation	Project creation and management	Select document type to automatically run project creation, Pipeline configuration with recommended Modelset and Endpoint deployment	The intuitive UI environment allows the the person in charge to quickly proceed with the entire process from project creation to deployment, improving work efficiency
2. Data labeling and fine-tuning	Data storage management	Provides convenient functions for uploading raw data, viewer, and data management (search using image metadata, sorting, filtering, hashtags settings on image data) Image data bookmark for Qualitative Evaluation	Conveniently manage raw data to be used for OCR Pack and actual date from live service
3. Pipeline configuration and deployment	Create and manage Labeling Space	Creating a Labeling Space to manage raw data annotation, managing labeling resources (Ontology, Characters to be Recognized), data set dump, data set version management	Labeling work can be outsourced within the pack. Labeled data is continuously supplied from which data sets can be created with ease. The Auto Labeling function increases both efficiency and convenience.
	Model training	Various basic models for each selected document, information comparison between models, basic model training, training pause function, re-training, cancel function, and configuration support for Characters to be Recognized and Ontology that is frequently modified while developing specialized models	Providing a foundation for customers to implement, manage, and upgrade their own OCR model specialized to the customers' needs
	Pipeline, Endpoint Creation and management	Choose Detector, Recognizer, or Parser to create a Pipeline or an Endpoint Connect Pipelines to Endpoints, perform tasks such as deployment controllers, deployment recovery, and more	Providing a foundation for customers to implement, manage, and upgrade their own OCR model specialized to the customers' needs
	Project monitoring	Monitoring of deployed Pipelines and Endpoints, notifying the customer of important issues such as suspicion of model performance degradation, and Qualitative Evaluation of actual incoming customer data	Monitor important indicators for each project and quickly identify and respond to issues
4. Monitoring and evaluation	Full Pack Monitoring	Monitoring traffic of all deployed Endpoints, quality monitoring of all deployed models, and monitoring of resources (GPU, CPU, Storage) connected to the Pack	Monitoring useful information about the overall OCR Pack at a glance
	Quantitative / Qualitative Evaluation	Quantitative evaluation leaderboard / Qualitative Evaluation	Viewing the model's performance to help the customer choose the appropriate model
	Guide and help	Provides context-specific guides to help you troubleshoot yourself, download terminal logs for error situations and Pack documentation	The customer can diagnose, respond to, and solve problems occurring in the Pack on their own without external help