Service specifications – **Overview**

parashift

Intelligent Document Processing

Document Quality Improvement
corrects wrong page orientation, auto crop images, remove unwanted background

Document Dissection
categorize any text on a document into generalized entity types like date, amount, address, duration, person, organization, percentage and more

Document Separation
automatically separates a batch of documents intelligently (2022), by barcode or separation page

Document Classification
automatically and intelligently assigns the correct document type by text and/or image, classifying between 2 or up to 400 different standard and client-specific document types

Data Extraction
automatically and intelligently extracts and structures data from structured, semi-structured or unstructured documents like addresses, references, amounts, tables, signatures and more.

List Documents
filter, sort, and list processed documents, save custom filters for easy re-use and work management

Human in the loop

Usability
profit from a modern company with modern and fast user interfaces.

Validation
a highly performant and easy-to-use user interface for human validation of any automatically processed tasks in the Platform. User feedback gathered in this step is used to train the intelligent algorithms (like Separation, Classification and Extraction) of the Parashift Platform.

Quality Control
is an extra step in the Validation process to control machine tasks and human validation to ensure high-quality output.

External Validation Options
use external resources to validate your documents.

SLA Deadline
define custom SLA deadlines to automatically prioritize time-critical documents above others for machine tasks as well as human validation.

Serial Mode
a high-focus and performance mode for power users to constantly work on the most time-critical documents.

Reporting
get insights into documents uploaded per timeframe, throughput times, human validation times, corrections and more

Enterprise Platform

APIs
integrate the Parashift Platform into any business process with an integration-friendly standardized JSON REST API. Upload documents, fetch data and even deliver Feedback to Classification and Extraction to train our Algorithms.

Multi-Tenancy
use one or multiple tenants to separate your documents by company, environment, internal department or more. Link Tenants to profit from our Swarm Learning Technology and Inheritance

User Management
assign different roles to users depending on their function, like Validator, Configurator or Developer

Security
the Parashift Platform delivers security as one of its core features, regularly tested and certified through third-party penetration tests and automated code audits.

Enterprise Platform

Swarm Learning
feedback is collected across clients, tenants, document types, fields and more. While never sharing any personal information between these entities, this allows Parashift to constantly train and evolve all algorithms, bring out-of-the-box intelligence and learn faster.

Inheritance
use configurations across Tenants to profit from our Swarm Learning and easy deployment of new configurations (document types and fields) in multiple linked tenants.

Standards
coupled with Swarm Learning profit from out-of-the-box, pre-trained and pre-configured document types, and fields.

Individual Configuration
use our intuitive configuration interfaces to create client-specific configurations for document types and fields. Start your own Swarm Learning with your own configurations and share these in your linked tenants or even across tenants.

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