

API Integration Platform

API Solution for Powerful, Secure, Reliable Integration

CyberLogitec





SERVICE OVERVIEW

Modernize and digitally transform your business with the SmarLink API Integration Platform.

The SmartLink API Platform is a powerful open-source API management platform that helps customers easily and securely share and manage their systems and services with external developers, partners, and customers.

API Management



API creation, publishing, version management, monitoring capabilities, allowing for efficient lifecycle management of APIs.

Developer Portal



Developers can explore the API catalog and review documented API usage instructions, and easily and quickly participate in application development.

Security & Authentication



Uses security protocols such as OAuth and JWT to manage user authentication and authorization, enhancing security for API requests.

Monitoring & Analytics



By analyzing real-time API usage, performance, and traffic, it allows for gaining insights into API operations and improving user satisfaction.

Benefits

- Through APIs, you can easily share data with customers and partners, leading to improved business efficiency.
- Having an API Portal with minimal effort can enhance your business competitiveness.
- When transitioning legacy systems to MSA (Microservices Architecture), it becomes easier to manage API.



Key Features

SmartLink API Platform consists of Developer/Publisher, Management Console, and Monitoring components.

Developer Portal

- A web-based portal for developers using the API.
- Access to API documentation, code samples, and other information provided by the API administrator.

Publisher Portal

- A portal used by administrator to create, publish, and manage the API.
- Performing all tasks necessary to create, publish, and document the API.

Management Console

- API administrator to configure and manage the API Manager instance.
- Performing API management tasks such as API gateway, user management, logging and monitoring, and security and access control.

Monitoring & Analytics

- Providing analysis and visualization tools for utilizing log data.
- Analyzing data and representing it in real-time through various charts and visualization web tools.
- Error monitoring, as well as the ability to check API usage, performance, and traffic statistics.



Use Case – API Portal

Using the SmartLink API Platform, you can create your business as an API Product Catalog and share it with customers and partners. Using the SmartLink API Platform, you can create your business as an API Product Catalog and share it with customers and partners.

The screenshot shows a grid of service cards in the API Product Catalog. Each card includes a 'Customer' tag, a title, a brief description, and a 'View' button. The services listed are: Schedules (Retrieves Schedules for Point-to-Point and Vessels), Quotations (Retrieves quotations and public tariff), Booking (Request space for your Containerized cargo to be transported), Documentation (Submit shipping instruction and retrieve draft B/L), Invoices (Retrieve ocean invoice details), and Visibility (Retrieve Track & Trace Events based on DCSA Interface standard). Some cards also feature a 'Premium' tag.

API Product Catalog

Developer Portal

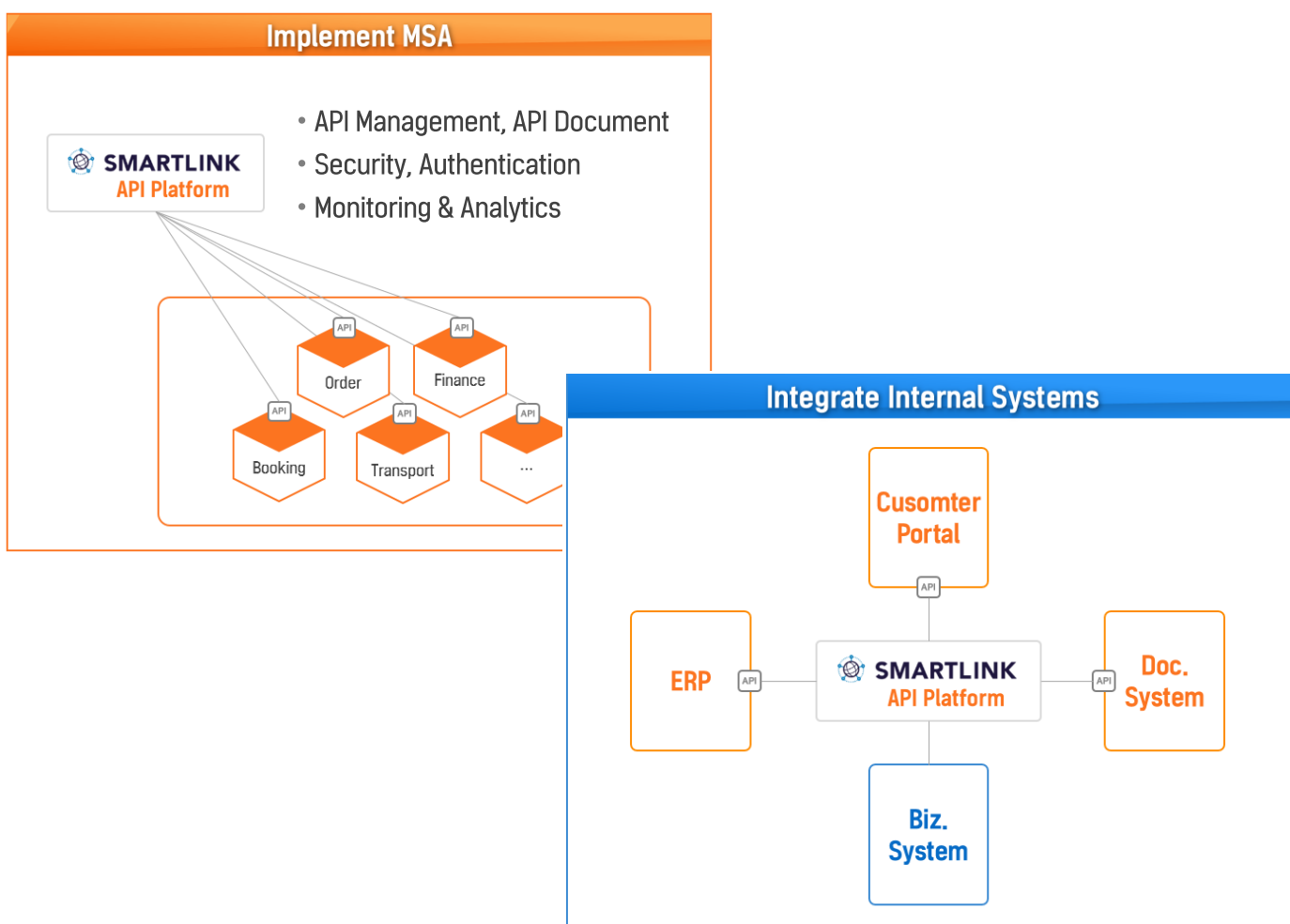
The screenshot shows the configuration for the 'Booking API' endpoint. It includes a description: 'Create a Spot or Contract booking request for cargo space and equipment on carrier's ocean vessel/voyage with optional inland transportation. Current functionality includes both carrier and merchant haulage requests and is limited to DRY & REEFER CARGO bookings.' Below this, there is a 'Servers' section with a dropdown menu showing 'https://api-qw.e-smartlink.com/visibility.com/subscriptions/v1.0' and an 'Authorize' button. The 'Bookings' section is expanded to show two endpoints: a POST endpoint for '/external-bookings' (Create Booking request) and a PATCH endpoint for '/external-bookings/{bookingReference}' (Cancel Existing Booking Request). The 'Bookings Status' section is also expanded to show a GET endpoint for '/bookings-status/creation' (Retrieve Booking Creation Status).

- Through APIs, you can **easily share data with customers and partners, leading to improved business efficiency.**
- Having an API Portal with **minimal effort can enhance your business competitiveness.**
- The integration of customer and partner data becomes **less challenging, enabling increased accessibility.**



Use Case – API Gateway

Using the SmartLink API Platform as an API Gateway, you can facilitate the transition of your system to a Micro Services Architecture (MSA) structure and use it when integrating various internal systems through APIs.



- By not having to worry about **API management, security, authentication, monitoring, and more, you can focus solely on implementing your business applications, making API integration easier.**
- Accessing API documentation for each module and system **becomes effortless, leading to enhanced development productivity.**
- The ease of API integration also **improves operational efficiency in system management.**