Unboxing: **Lainotik**

Una plataforma para obtener valor de tus datos



BAIDATA

INTERNATIONAL DATA SPACES ASSOCIATION

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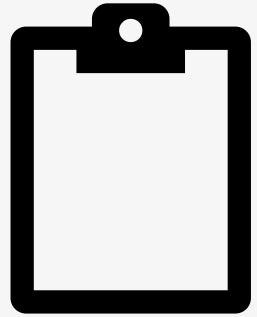
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Usar apartado P&R durante la sesión



Micros y cámara se activarán al final



Se enviará una encuesta de satisfacción

AGENDA

01. Bienvenida

02. Novedades BAIDATA

03. Unboxing: Lainotik

04. Q&A

05. Cierre

¿Quién es BAIDATA?

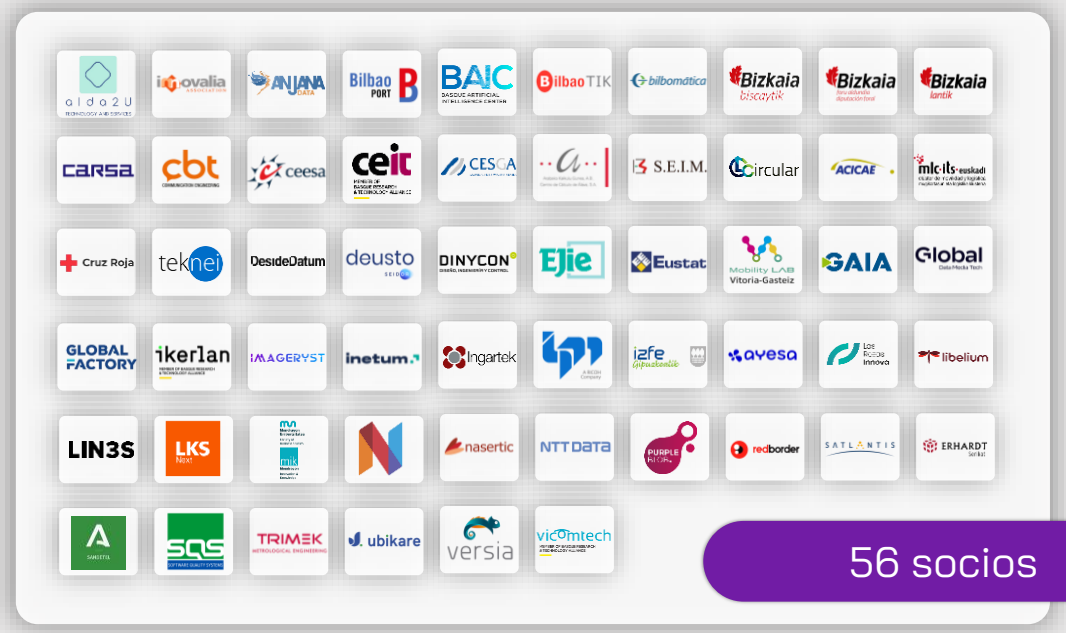
BAIDATA es la Asociación para el desarrollo de la **Economía del Dato** en **España y Portugal**

Hub nacional de organismos internacionales:

INTERNATIONAL DATA SPACES ASSOCIATION

HUB SPAIN

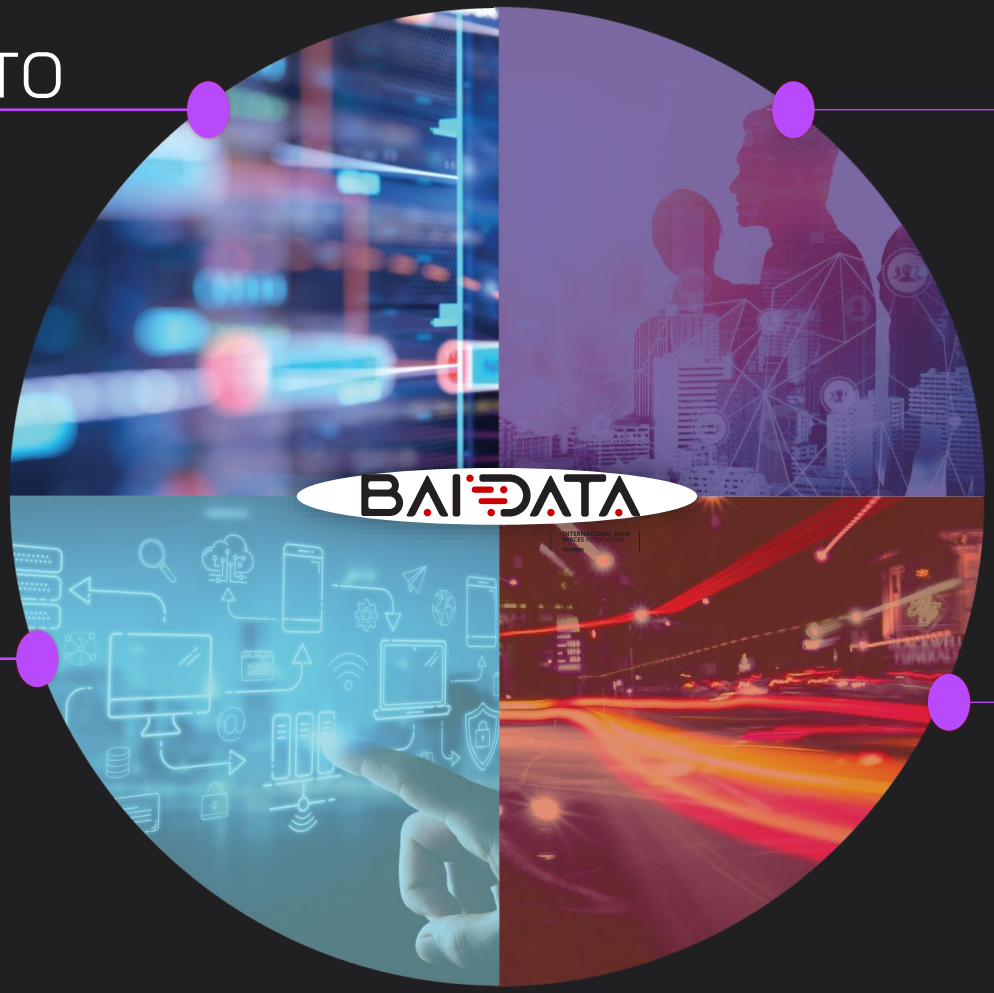
IDTA



¿Qué hacemos?

1. CONOCIMIENTO

- Punto único de acceso al conocimiento (Biblioteca)
- Sesiones de análisis de tecnologías, estándares y normativas
- Participación en proyectos y grupos de trabajo internacionales



2. INNOVACIÓN

- Catálogo de soluciones y servicios ofrecidos por nuestros socios
- Webinars de presentación de casos de uso y unboxing de servicios
- Dinamización y soporte a proyectos colaborativos

4. ECOSISTEMA

- Foro BAIDATA: Punto de encuentro del ecosistema
- Conexión con el Ecosistema Europeo de la Economía del Dato
- Actividades de networking y colaboración entre socios

3. TALENTO

- Cursos, jornadas y actividades de formación
- Programas de formación a medida
- Acreditación Profesional Internacional (DS-PQP)



Transforma los datos en valor para tus clientes

Conectamos a empresas y administraciones con los estándares europeos de espacios de datos y gemelos digitales para liderar la soberanía del dato en la Peninsula Ibérica.

nasertic NTT DATA redborder SATLANTIS

ePrescription y eDispensation: Guía de la receta electrónica Europea

Seguir leyendo >



Buscar por:

Reiniciar filtros

Busqueda por título

Etiquetas

Espacios de datos (5)
Pasaporte Digital de Producto (DPP) (4)
Salud (3)
Asset Administration Shell (AAS) (2)
EHDS (2)
Europa (2)

Temáticas

Todos

Autores

Todos

ePrescription y eDispensation: Guía de la receta electrónica Europea

Descubre cómo funcionan la ePrescription y la eDispensation, los retos de interoperabilidad y qué debe hacer tu organización ante el EHDS.

BAIDATA | 08/10/2026 | 4 minutos

EHDS Salud



Data Act y Salud Digital: Fin del monopolio en wearables

Descubre cómo la Data Act transforma el acceso a los datos de wearables y abre nuevas oportunidades para HealthTech, pymes y salud digital.

BAIDATA | 02/10/2026 | 3 minutos

Ley de Datos (Data Act) Salud



Guía definitiva de la Data Act: Qué es y cómo afecta a tu empresa

Descubre qué es la Data Act, a quién aplica y cómo adaptar tu empresa: acceso a datos IoT, cláusulas abusivas, cambio de cloud y espacios de datos.



Próximas jornadas

14 octubre, Universidad de Castilla-La Mancha



15 octubre, online



23 octubre, Bilbao



Lainotik, una plataforma para obtener valor de tus datos

Aitor Artola
Director de Producción
y Tecnologías

teknei

Tirso Calonge
Responsable del Area de
Ingeniería del dato

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Lainotik

Data service management platform for Kubernetes

Aitor Artola & Tirso Calonge

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Agenda



1-. Data Platforms

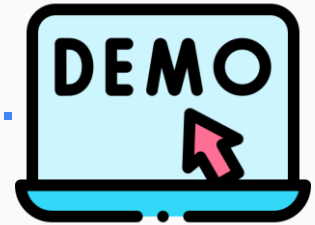


2-. Why Lainotik?



3-. Lainotik at Work

4-.



1-. Data Platforms

Data Management platforms

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Data Management Service Layers

Data Visualization	Services to visualize data and establish business intelligence
Data Analytics	Services to analyze and obtain data patterns and data insights
Data Governance	Services to govern all the data through a centralized data access (Federation) and a data catalog
Data Processing	Services to process data in batch mode and/or streaming mode (real time)
Data Flow	Services to distribute data between the different data processing, governance and/or analytic services.
Data Ingestion	Services to ingest data from different sources, via ETL workflows or streaming (MQTT, AMQP, Kafka...)

Data Storage

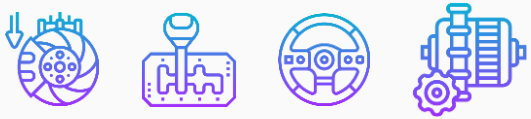
- SQL
- NOSQL
- Datalake

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Data Service Platforms







Open Source

Hyperscalers

Software Suites

Build
What you Need

Spark · Airflow · Flink · kafka · Superset · jupyter · nifi

Design
What you Need



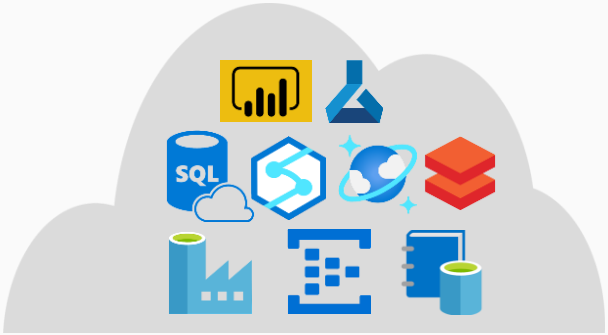
Buy
What you Need

cloudera · STRATIO · IBM Cloud · Informatica

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Hyperscalers



AZURE



AWS



GCP



Closed Source



Vendor Lock-in



Cloud Only

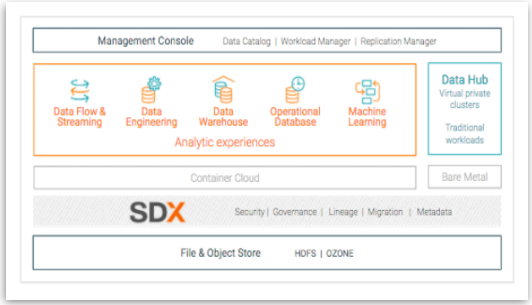


Pay as you go

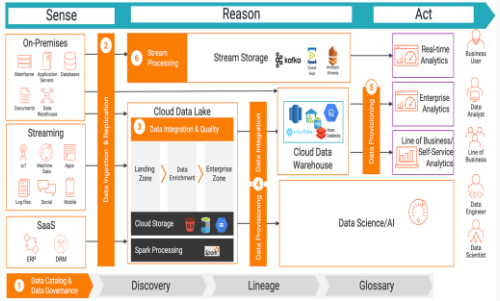


Managed Services

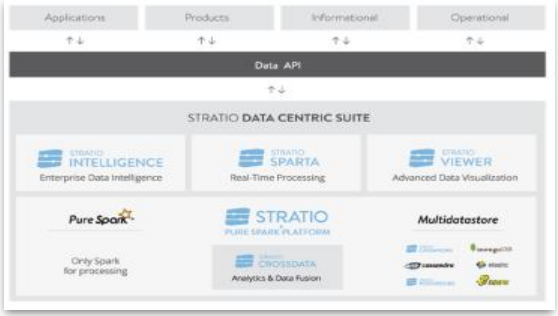
Suites



Cloudera



Informatika



Stratio



Built on Open Source



Vendor Lock-in



On-Premise & Cloud



Licence



Suite

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Open Source





Open Source Services



NO Vendor Lock-in



On-Premise & Cloud



Open & Free

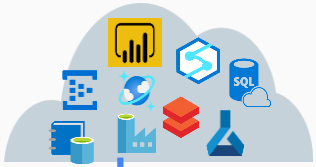


Manual

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Summary

 Hyperscalers	Closed Source	Vendor Lock-in	Cloud Only	Pay as you go	Managed
cloudera, STRATIO, Informatica, IBM Cloud Software Suites	Built on Open Source	Vendor Lock-in	On-Premise & Cloud	Licence	Suite
Spark, Airflow, Flink, kafka, Superset, jupyter, nifi Open Source	Open Source	NO Vendor Lock-in	On-Premise & Cloud	Open & Free	Manual

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2-. Why Lainotik?

Lainotik value proposition

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Focus of Lainotik





Open Source Services



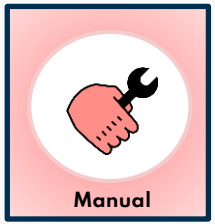
NO Vendor Lock-in



On-Premise & Cloud



Open & Free



Manual



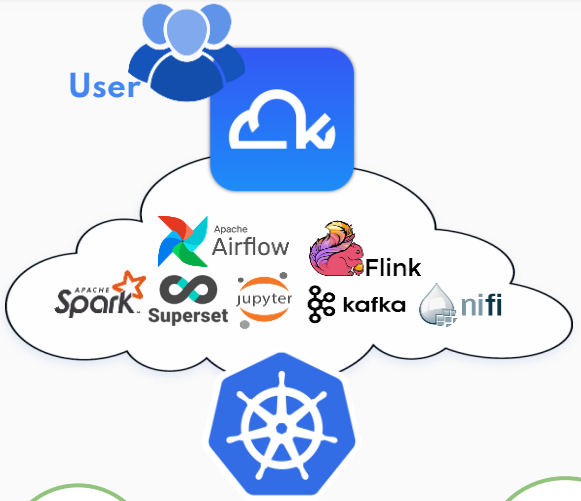
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Lainotik Goal

A web based PaaS data platform that can connect to any Kubernetes to manage data services on them



Centralizes the management of the deployment, orchestration and monitoring of well known open source data services

Open Source Services

NO Vendor Lock-in

On-Premise & Cloud

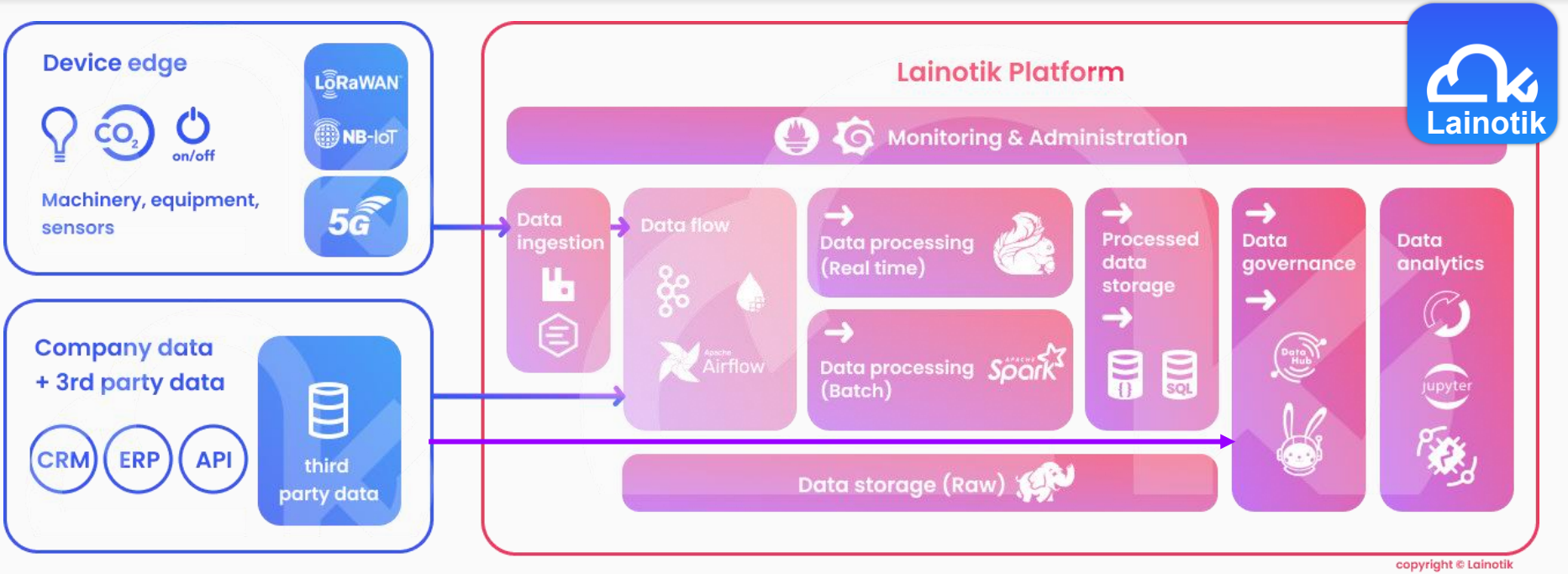
Open & Free

Managed

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Lainotik Managed Data Life Cycle



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3-. Lainotik at work

Lainotik functionality and features

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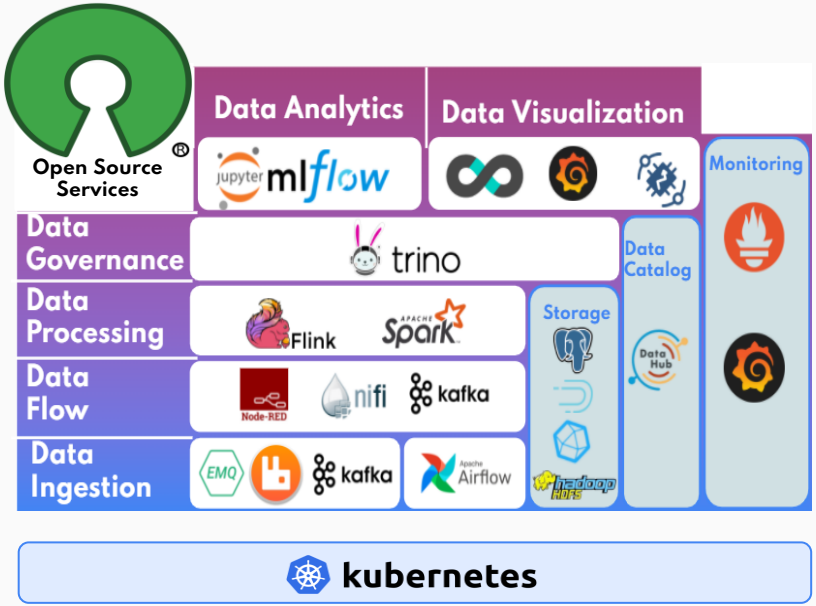
Lainotik Open Source Stack

NO Vendor Lock-in

On-Premise & Cloud

Open & Free

Managed Services

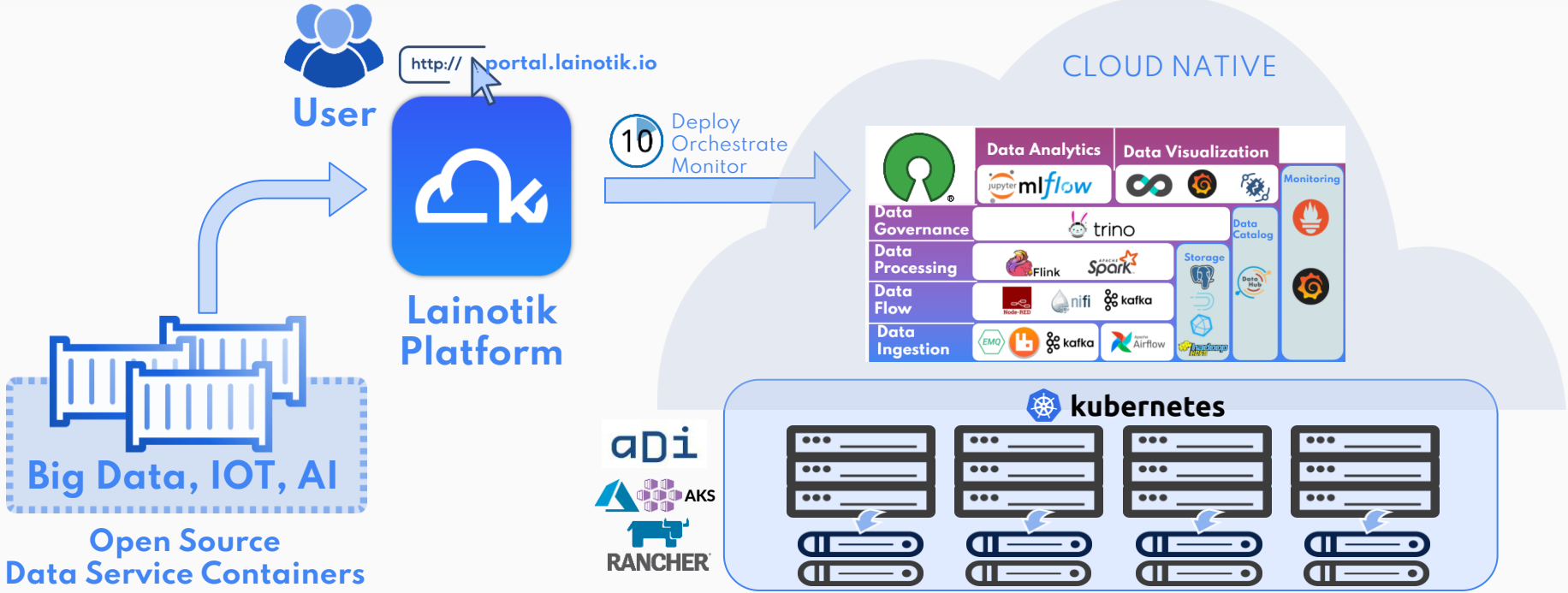


- Container based Solution
- Cloud Native based solution (Kubernetes)
- Fully managed and integrated Services
- Monitoring and alert management

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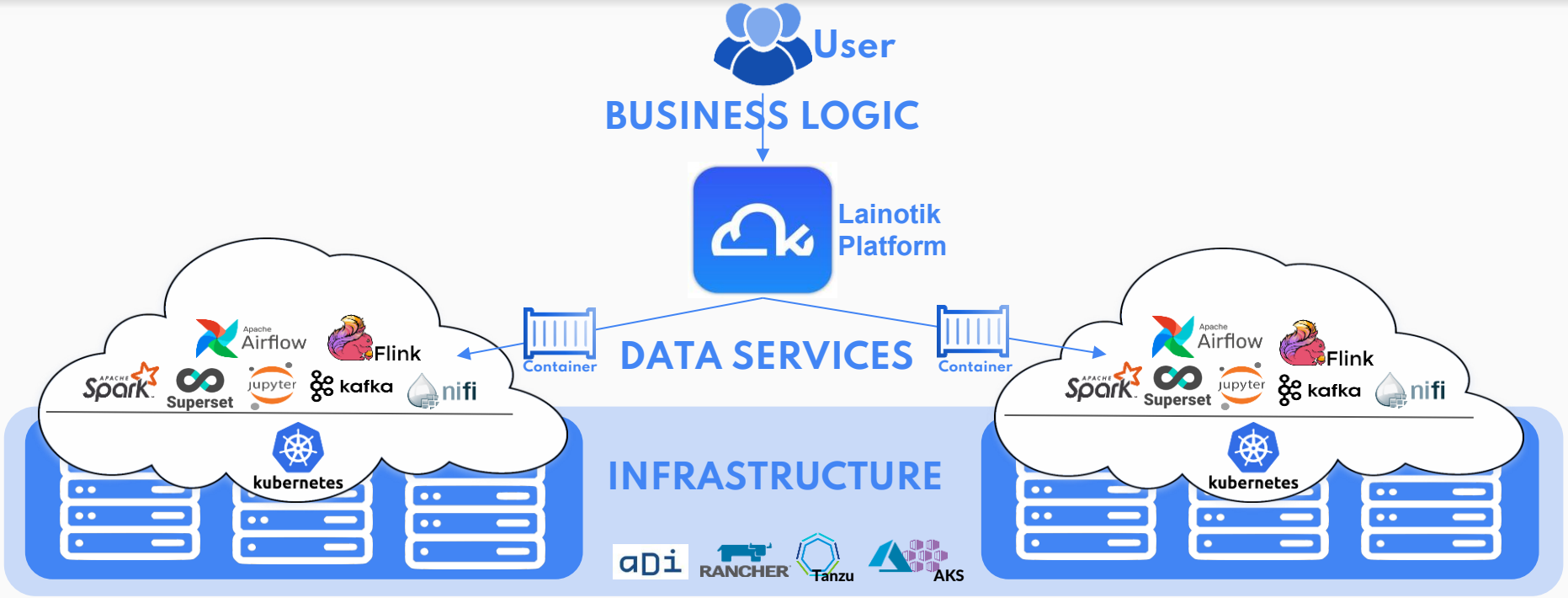
Lainotik Data Service Management On Kubernetes



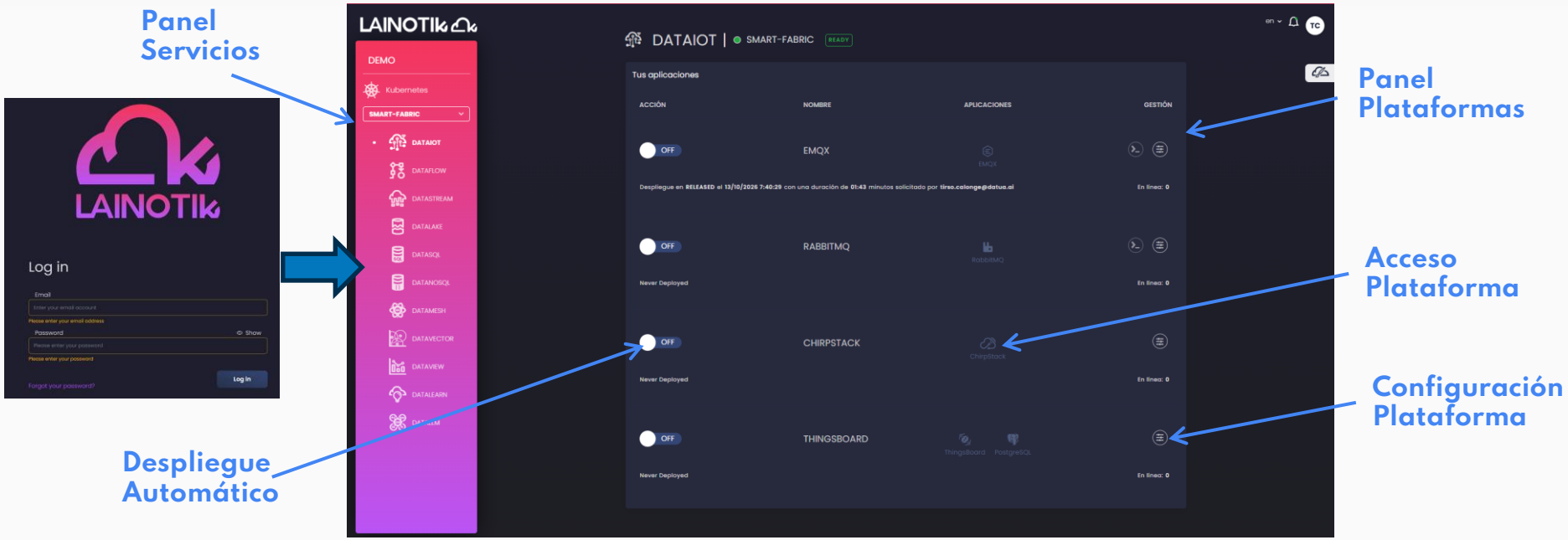
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Lainotik. Separation of concerns



Lainotik Unified Portal



Lainotik, features

Centralized Management
- For all data services
- For all Kubernetes

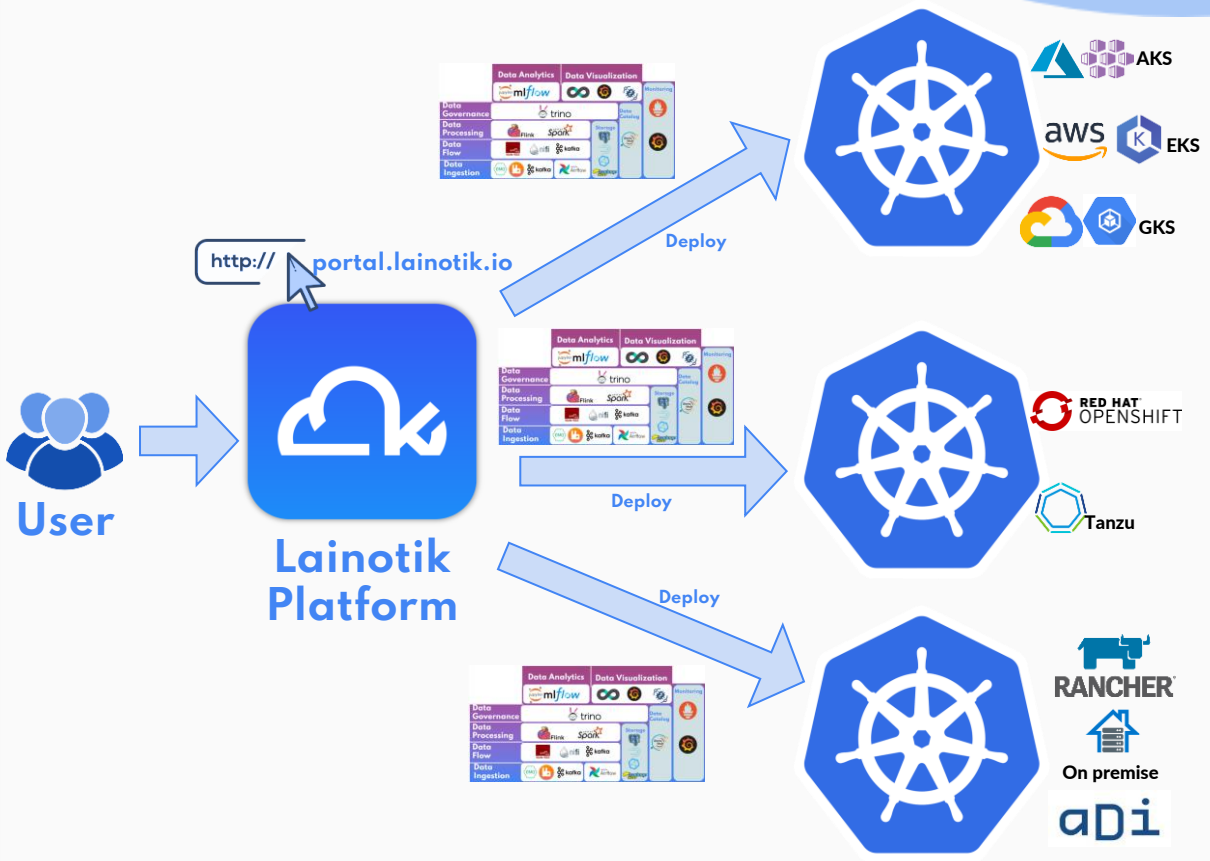
Works with any Cloud and on premise Kubernetes (hybrid cloud), and with as many of them as required

Deployment and orchestration of data services on demand for resource cost optimization and security:
- Granular CPU assignment
- Granular MEM assignment
- Storage assignment
- Port Management (SSL)

Integrated Monitoring:
- For each data service
- For each node
- For each Kubernetes

Integrated secret and network policies management

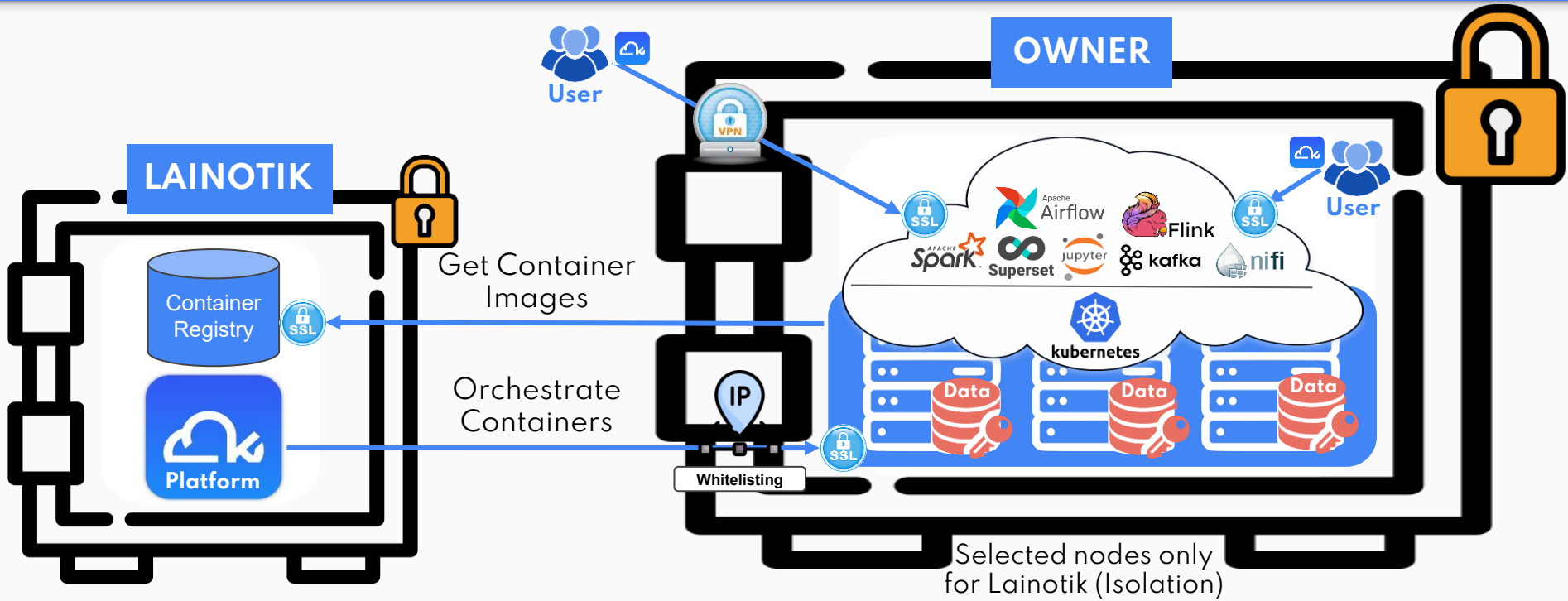
Fully open source, no vendor lock-in



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Lainotik. Security & Data Sovereignty



Lainotik Plan for the Future



- Add new open source data services to the Lainotik data service portfolio following the latest trends in the open source community

- Add freemium & premium proprietary data services following partnerships with providers (Denodo, Thingsboard PE, ...)

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Applied Use Cases with Lainotik

- IIoT (Industrial Internet of Things) solution to manage factory manufacturing machinery telemetries to control the production.
- IoT (Internet of Things) solution for product servitization, colleting telemetries from products to provide additional services to the customers.
- Integration of the different data sources from a customer by means of virtualization, to provided a unified semantic layer to de business.
- Unified data storage to ingest data from different sources through ETL to process the data and provide BI (Business Intelligence services) to the business.

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Demo & Q&A

Questions & Answers