



ALPHAREN Integrator (ARINT) System

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Integrator System Overview

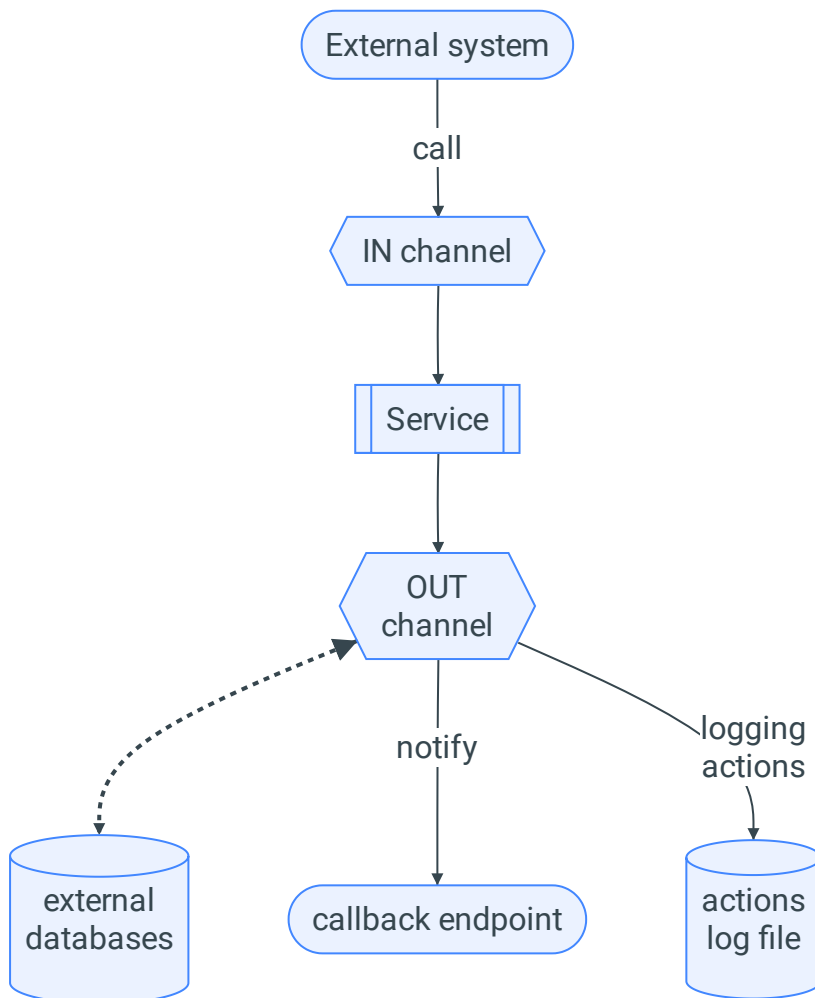
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ALPHAREN Integrator (aka **ARINT** or **arint**) system is a product (available as *software* or *appliance*) aimed to assure integration of different and various informational services between systems.

It acts as a high level *ESB* or *ESOA* to connect different services and to make them to work **as one** without the human intervention, ie, is automated.

ARINT very general and generic process flow is:



Fundamental features

- **ANYWHERE.** can work even the systems that must be integrated are in different non routable LANs (address systems at `http` protocol level)
- **ANYHOW.** is agnostic to format, composition, structure, encoding of information required / provided by systems that must be integrated
- **ANYTIME.** can work as a distributed high scalable cluster of "**ALPHA-REN Integrator Machines**"
- **SECURED.** can work with any public standard (ie, defined at least as `RFC`) of Internet security

Detailed features

For [features list see](#)

Typical use cases

ALPHAREN Integrator is used for enterprise, business integrations, data science, IoT and other scenarios that require integrations of multiple systems.

Real-world, production **ALPHAREN Integrator** environments include:

- A platform for processing payments from consumer devices
- A system for a telecom operators integrating CRM, ERP, Billing and other systems as well as applications of the operator's external partners
- A data science system for processing of information related to securities transactions (FIX)
- A platform for public administration systems, helping achieve healthcare data interoperability through the integration of independent data sources, databases and health information exchanges (HIE)
- A global IoT platform integrating medical devices
- A platform to process events produced by early warning systems, (ex SAP EWS)
- Backend e-commerce systems managing multiple suppliers, marketplaces and process flows B2B platforms to accept and process multi-channel orders in cooperation with backend ERP and CRM systems
- Platforms integrating real-estate applications, collecting data from independent data sources to present unified APIs to internal and external applications
- A system for the management of hardware resources of an enterprise cloud provider
- Online auction sites
- E-learning platforms
- ad-hoc data API for databases, protecting them to direct access