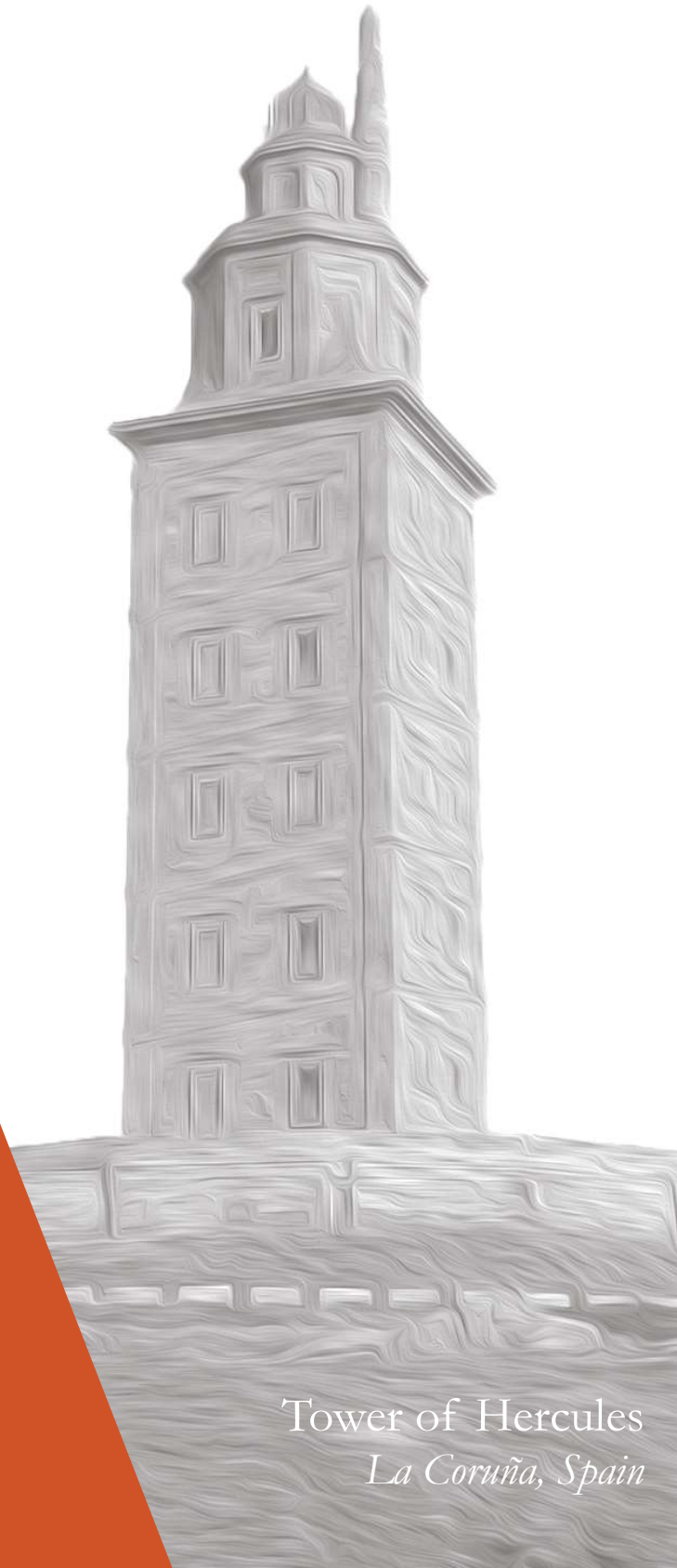


# Hercules Suite

*Your stage for a secure enterprise architecture*



**FARO**

Tower of Hercules  
*La Coruña, Spain*

# Hercules Suite

FARO Software Solutions Hercules Bundle™ is a new for 2018 more efficient way to subscribe to several of our most popular products in a single, discounted order. The Hercules Bundle includes the following leading products:

**FARO Sambro Portal™** - client friendly user administration portal to gain easy access to all subscribed FARO products

**FARO Andros Integration Framework™** - high speed software architecture for connecting, data, applications, other resources securely

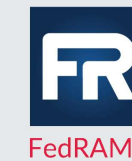
**FARO Sabine ESB Library™** - enterprise services and micro-services library for storing and managing APIs and WSDLs

**FARO Vermillion Cloud™** - NIST, ISO, CJIS, PCI, HIPAA, and FISMA compliant 24x7 cloud platform

With your security needs in mind, our cloud architecture is regularly inspected and audited against the highest security standards:

**US Standards:** *CJIS, FedRAMP, DoD SRG, FERPA, FFIEC, FIPS, FISMA, HIPAA, NIST, SEC, among others.*

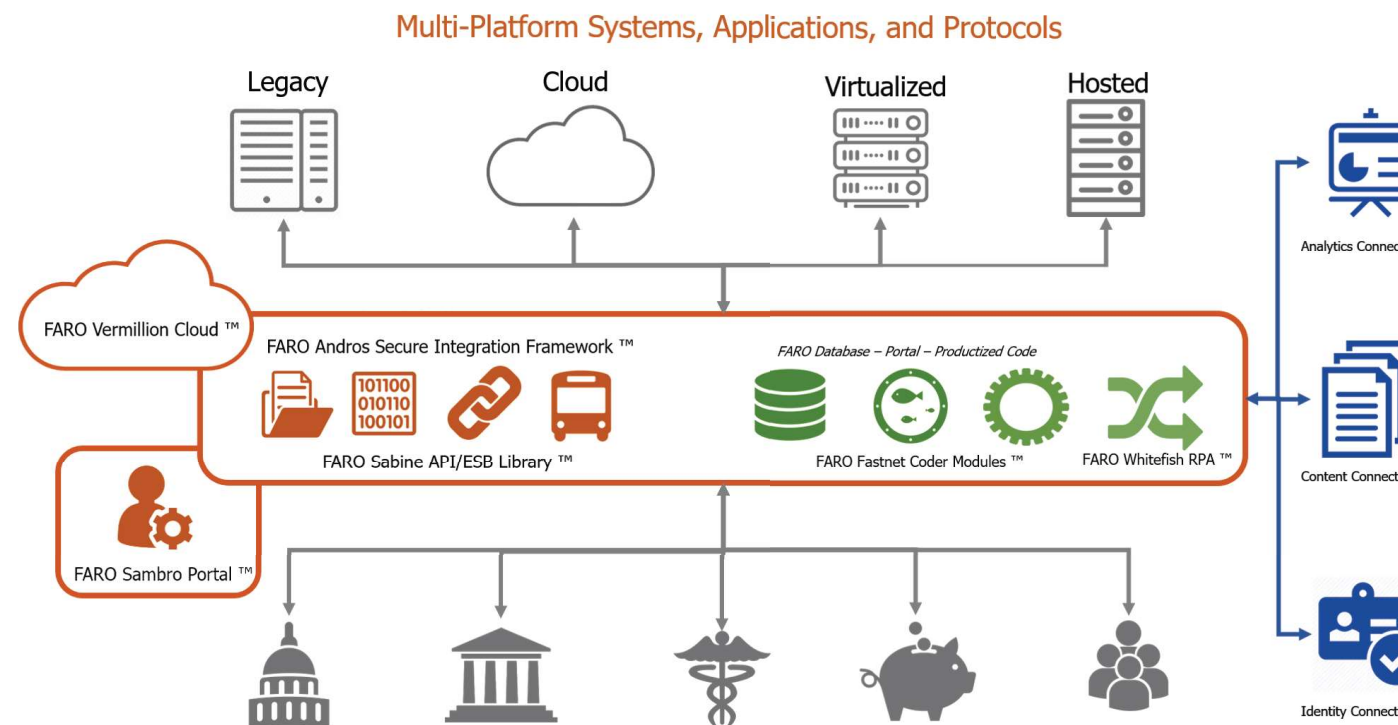
**Global Standards:** *Cloud Security Alliance, ISO 9000, 27001, 27017, and 27018, PCI DSS Level 1, SOC 1, 2, and 3*



FARO's Hercules Suite of Tools is the cornerstone of a secure enterprise architecture. By combining a leading integration framework with productized APIs, you can effectively buy and deploy "overnight" what you would normally have had to build over many months with the help of outside consultants at a much, much greater cost. Remove all implementation risk from your organization through a SLA-based subscription while adding security, flexibility and modularity for agile DevOps.

## Technical Highlights

- Provides industry leading framework for API, microservice, and ESB style integration
- Fully functional solution pattern that works day 1
- Adds robust security layer to all system, service, and data interactions
- Supports legacy, cloud, and hybrid architectures
- Subscription, cloud-based model to remove dependencies on strained resources
- Standards based architecture maintained at current technology levels
- Backed by a strong Service Level Agreement (SLA)
- Lowers cost of any future FARO software deployment
- Virtually unlimited processor, network, and storage capacity in massively scalable platform



## Features

- ✓ High Security Standards
- ✓ Business process monitoring
- ✓ Integrated Development Environment (IDE)
- ✓ Human workflow user interface
- ✓ Business Process Management (BPM)
- ✓ Connectors
- ✓ Transaction manager
- ✓ Application containers
- ✓ Messaging services
- ✓ Metadata repository
- ✓ Naming and directory service
- ✓ Distributed Computing Architecture
- ✓ 24x7 Cloud Platform for Scalable Operations

# FARO Hercules Suite: A deeper look

## **FARO Andros Integration Framework and Sabine Library**

A lightweight, flexible integration platform that enables rapid, cloud-based integration across the extended enterprise.

FARO Andros Integration Framework reduces the pain of connecting applications, services, processes, and devices for comprehensive, secure, and efficient solutions. This integration platform uses popular open architecture standards to provide transformation, routing, and protocol-matching services.

You can now interconnect all enterprise assets, while creating and composing microservices with enterprise-class integration patterns and supporting modern microservice architecture. Andros allows your team to take a leadership position as we have embraced container technology to enhance your full DevOps experience.

For your elite architects and security professionals, they will appreciate the Apache Camel-based integration focus of FARO Andros. Paired with FARO Sabine, you will have access to over 160 built-in components (e.g., iOS, AWS, Box, Facebook, and many DevOps tool connectors) that will excite the rest of your team as well. It's natural ability to adopt Smart endpoints and Simple pipelines also provides a full-featured, easy-to-use and intuitive framework that embraces the Enterprise Integration Pattern for quicker integration solutions.

Andros not only offers what your traditional business needs in terms of an Enterprise Service Bus (ESB), but also much more. By getting away from the traditional monolithic integration, FARO Andros allows your team to rapidly activate lightweight, modularized routing to isolate failures - resulting in smaller impacts and quicker recoveries. Additionally, Andros' Event Driven Architecture simplifies complex data processing.

### **Today, it's all about the API.**

Deploying an API based architecture could not be simpler; Andros is intuitive and easy to connect to using Camel REST. Further, while FARO offers an incredibly wide array of API product modules, your developers can still "go rogue" by designing and documenting RESTful APIs with Swagger technology for your unique collaboration needs. With Andros API management options, API security and performance management is under your control and all APIs are governed through the FARO Sabine library.

### **Better Developer Experience**

While FARO can deliver 100% of what you need as a warranted product, we never remove your ability to develop capability yourself. When needed, optional tools are available to assist your developers focus on what's important: careful, secure, and intelligently supported integration between systems. Our drag and drop, visual data mappers, runtime and remote debugger tools provide an easy, no-mess development experience. We leverage Maven-based tooling so your developers can build and run applications as containers, allowing for a unified development experience, whether it's on a laptop, on a server, or in the cloud.

## **Supporting the legacies**

FARO Andros and Sabine supports connectivity to legacy systems, in addition to agile integration developments. Large commercial systems like SAP, and traditional ESBs that utilize web services through SOAP, XML, File and FTP general Database connections, are supported through Andros and Sabine.

## **FARO Andros provide broad architectural and DevOps support *Container-Based Architecture***

You can be confident that Andros will meet your evolving enterprise needs, as it supports the most popular container standards: from OSGI-based Apache Karaf to Java EE based JBoss EAP, and Spring-Boot. Andros allows you to buy or build, then package and deploy lightweight containers in distributed environments to allow for fault isolation and consistence settings.

### *Enterprise class container management - deployments*

Andros leads the market in support for deployment flexibility, offering management and orchestration for lightweight containers with Redhat Openshift, Kubernetes, and Fabric8. Andros provides service discovery, automatic load balancing, and high availability among other complex, distributed microservices.

### *Hybrid deployments for the more complex organization*

As a direct result from containerizing applications, FARO Andros can be deployed in either the cloud or in a cloud/on-premise combination behind a firewall. Being a true hybrid platform, Andros allows applications to move freely between the two distinct environments.

## **Vermillion Cloud Services**

FARO Vermillion Cloud Services is the underlying platform where all FARO services reside. Because we regularly audit our cloud services, you can be confident that the security of your environment will achieve and maintain compliance with these rigorous standards:

**US Standards:** *CJIS, FedRAMP, DoD SRG, FERPA, FFIEC, FIPS, FISMA, HIPAA, NIST, SEC, among others.*

**Global Standards:** *Cloud Security Alliance, ISO 9000, 27001, 27017, and 27018, PCI DSS Level 1, SOC 1, 2, and 3*

## **Sambro Portal**

The FARO Sambro Portal is the administration toolset through which you and your team can observe and confirm that all of the services you have deployed are active and in healthy status. Service Level Statistics will be published and monitored through Sambro as well as information on license capacity that can be easily managed within the portal.

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