



CORISECIO - securityRunTime

Simplify Security - the Platform!

Enterprise Security is complex and for protection of the whole corporate IT a multitude of solutions from different manufacturers is required. It is a challenge to make implementation, administration and service controllable. The development toward distributed systems (e.g. in SOA and portal environments) intensifies these requirements. Instead at monolithic systems the business process runs via a multitude of different machines – also beyond the boundaries of enterprises. Here common applications do meet their limits quickly. Lacking interoperability, proprietary interfaces and inflexible architectures often are the reasons.

Customers as well as manufacturers of Security Software need automated solutions to make Enterprise Security controllable and serviceable for requirements of SOA and portal environments today.

CORISECIO SECURITYRUNTIME

With the securityRunTime (secRT) CORISECIO provides a comprehensive security infrastructure for Enterprise Security. Platform and system independent the runtime environment enables easy implementation and execution of security applications. The secRT itself is completely built on SOA principles, bases on open standards like Java, XML and Web Services and so is integrable in all system environments. The essential advantage here is the automation of security processes.

Via the adapter concept CORISECIO provides an API, further functionality and partner solutions may be integrated with. Software manufacturers may use the securityRunTime as a platform to easily integrate field-tested solutions "SOA-ready".

SECURITY, AUTOMATION & MANAGEMENT

The securityRunTime provides basis Security Services as well as basic functions for Entity-, Access- and Key-Management. The management of the security solution is enabled by an administration, where the configuration of all components and adapters is done. There CORISECIO allows modeling of dynamic Security Policies. On basis of BPEL security enhancements security methods may be combined to „Composite Security Services“.

ORCHESTRATION

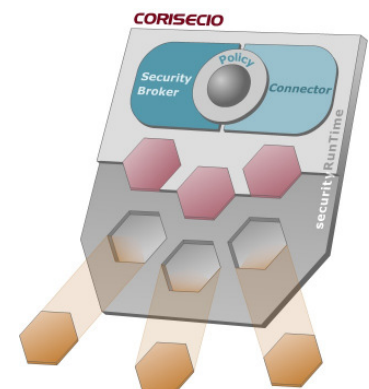
At the push of a button the system wide security rules are generated and realized automatically. CORISECIO provides a complete orchestration which integrates security in a distributed overall system and makes it centrally controllable.

FACTS

- Automatic securityRunTime for SOA infrastructures
- Platform independent runtime environment for Security Software
- API functionality for partner products
- Security modeling – without programming
- Complete control and orchestration of all Security Services
- Entity-, Key-, Access management
- Dynamic Security Policy with autom. Generator and Management
- Compliance & Auditing

BENEFITS

- Low implementation effort
- Minimum training need
- High flexibility and future proofness
- Protection of investment by integration
- High interoperability





FLEXIBILITY VIA ADAPTER CONCEPT

The securityRunTime is completely expandable via the adapter concept. All functionality is made available via adapter as service in the system. CORISECIO standard products consist of the securityRunTime and product-specific adapters. Using the Security as a Service principle functionality is SOA compliant wrapped in Services and provided system wide. Because of the architecture CORISECIO is able to model security functionality as central, local or also domain wide service. Besides a multitude of standard adapters individual adjustments resp. composition of functionality are possible. So, even special customer requirements may be efficiently realized with an adapter concept.

SOA-ENABLER FOR ESTABLISHED SOLUTIONS

Furthermore the securityRunTime enables the integration of conventional application into the SOA world. So, existing Meta Directories or Identity Management Systems may easily be connected and provided for Services. For Legacy Systems and enterprise portals CORISECIO offers an efficient migration path to SOA with Out-of-the-Box portal solutions. The functionality is implemented via Plug-In adapter and so allows a high degree of flexibility and expandability. Ideal scalability for service requests so is granted even for non-SOA mechanisms. Worldwide available partner products for PKI, Anti Virus or also Web Application Firewall solutions already use the secRT as runtime environment. So they may easily be integrated into SOA infrastructures and used as service.

ARCHITECTURE AND RUNTIME COMPONENTS

CORISECIO operates with an architecture composed of a Security Broker as central administration component as well as local runtime components (connectors), acting as Policy Enforcement Point. The Security Broker is the central administration engine and primarily takes over tasks of the Policy Administration. The Security connectors realize the Security Rules at the systems and provide the modeled Security Services via the Security Service Bus.

CORISECIO supports leading platform and portal systems like e.g. SAP NetWeaver or IBM Websphere and is – by using Java – applicable at nearly each system – even at mobile devices like PDAs and Smartphones. With the securityRunTime customers and partners receive an infrastructure which enables them to easily integrate security on basis of a Security Platform. Partners may use the functions and methods of the Security Service Bus via API. Established solutions so quickly and easily become SOA-ready.

KEY FEATURES

- Central Administration
- Entity Management
- Key Management
- Access Management
- Visual Modeler

- Policy Generator
- Policy Service

- Security Service Bus
- Processing Engine
- Reporting

PLATFORMS

- Apache Tomcat 5.5
- JBOSS
- SAP WebAS
- IBM WebSphere (optional)
- Windows Mobile 5.0 & 6
- RIM BlackBerry

