

Case Study

SOA based activation management server



[Uniloc Corporation](#) is the technology and innovation leader in electronic physical device recognition. As the technology world migrates value to "the cloud" via SaaS, Virtualization, VPN's , VOIP and Web 2.0 adoption, it is fundamental that the internet's connected 'edge' be securely identified to control access to online services and ensure the privacy of data sent over public networks.

The core technology driving Uniloc's innovation is physical device fingerprinting, a patented method of uniquely identifying any computing device - including a PC, mobile phone, network router or game console - using the naturally occurring, inherent physical characteristics of the device so that no two digital devices are seen as identical.

With Uniloc, providers can leverage the power of the edge's identity to ensure the value of their digital offering.

Our involvement

SoftAspects developed activation management server platform that is based on Service Oriented Architecture (SOA). It allows to provide centralized management of system wide settings and expose core services to other subsystems via Web Services.

Flexible Licensing Models and Rules :

- Broad set of license models including feature-based, subscription, pay-per-use, and more
- Secure and flexible trial programs, including use time, runs, dates, or other options for expiring trials
- Licensing model and rules can be varied throughout the product lifecycle.

Best End-User Experience :

- Tolerance based on Uniloc's patented PDR makes uniquely flexible hardware fingerprinting possible
- Vary licensing rules and enforcement over the product lifecycle
- Self-service license retrieval, activation, and optional de-activation

Scalable Back-End Infrastructure :

- Easy-to-use hosted activation server with secure, web-based administration
- Reliable hosted infrastructure for high availability and scalability
- Web services-based API for easy integration with existing business systems
- Multi-tenant architecture with comprehensive reseller and user-management system

Best-of-Breed Reporting and Analysis :

- Best and broadest licensing reports on product activations, degree of usage, compliance and piracy
- Exclusive feature-usage reports to provide visibility into how the features of your application are being used by your customer base
- The best hardware profiling in the industry
- Hardware reporting presents aggregate user-hardware statistics
- Alerts warn you immediately when there is abnormal license-key activity

Technologies :

- Java Server Faces
- Hibernate
- Axis Web Services API
- OpenLDAP
- MySQL
- OS : Windows, Linux, Mac OSX

Achievements

- Activation management server prototype delivered on-time and within a budget allowing to plan precisely development road-map and product initial release.

SOFTANCHOR™
Device Locked Product Activation

Reporting Mgt

Logout

Navigation

- User + Login Management
- Product Management
- License, Serial and Activation Management
- Campaign Management
- Vendor Management
- Customer Management
- Throttling Management
- Reporting**

By Product: SDKSample

By License: 18V40W7BHOKWX8AGUNXVAO4TSV

By Fingerprint:

By Activation Type: Online

User: jmordetsky

By IP:

By Batch: AutoGenBatch_1000

By Campaign:

By Vendor: Vendor1

By Throtting Model: Write

By State: Success

By Failure Type: Test Failure Type 01

Date Range: from [] to []

Successful Activations: > []

Failed Activations: > [1]

Attempted Activations: > []

Unique Devices: > []

Reactivated: > []

Show Report
Download as CSV

IP Address	License	Fingerprint	Type	FailureType	Date time	Attempted Activations	Successful Activations	Failed Activations	Unique Devices Activated	Reactivated
192.168.0.19	18V40W7BHOKWX8AGUNXVAO4TSV	BlackBoxKey 66	Phone	Fatal	Oct 15, 2007					

uniloc
The Computer Is the Password