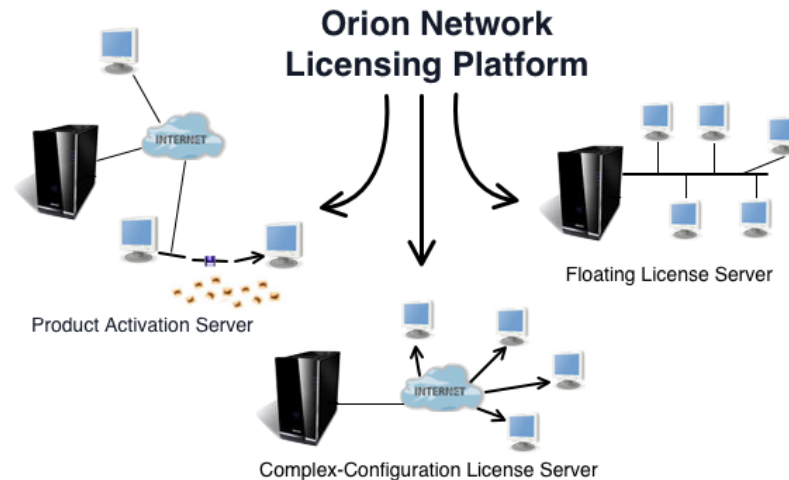




ORION NETWORK LICENSING PLATFORM DATASHEET

The Orion network licensing platform enables license protection and software monetization with these capabilities:

- Floating and named-user **network licensing** on LAN, WAN, VPN and the Internet
- Online / offline **product activation** with relocatable and revocable licenses
- Comprehensive **licensing policies**: time-limited, metered, feature licensing, subdomains, complex license configurations and policies, revocable leased licensing
- Comprehensive **auditing**, operational **reports**, real time **alerts**, and **analytics**
- Industry-specific features for **enterprise software**, **embedded systems** and **cloud services**



ORION LICENSE MANAGEMENT CAPABILITIES

LICENSE MANAGEMENT CONCEPTS

License Models

Orion supports:

- ▶ **Named-user product activation and floating licensing:** the license server ensures that only one instance of a named user may be active on the local or global network – whether for short durations, or long-duration pooled enterprise users. User licenses can be securely relocated or returned.
- ▶ **Anonymous-user product activation and floating licensing:** the license server regulates the number of users that can concurrently reserve use of your licensed product – whether for short durations or long-duration pooled enterprise users.
- ▶ **Complex licensing:** policies can span multiple pooled licensing policies and be distributed and operated upon as one simple unit.

License Control Parameters

You can restrict, on a per-license and / or group basis:

- ▶ **Options / features.**
- ▶ **Expiration date.**
- ▶ **Metered usage limit.**
- ▶ **License lease duration** upper and lower bounds.
- ▶ **Concurrent floating license limits.**
- ▶ **Administration hierarchy:** parameter control at license pool, license sub-pool, and user license levels

PLATFORM AND LANGUAGE SUPPORT

Orion offers broad platform support:

- ▶ C/C++ client libraries for 32- and 64-bit Windows, Linux, Solaris and Mac OS X
- ▶ Custom C/C++ client library porting option for embedded system vendors
- ▶ Multi-platform native Java client library
- ▶ ActiveX client for Visual Basic and .NET languages
- ▶ Multi-platform native Java based license server.

ORION SERVER DEPLOYMENT OPTIONS

The Orion server can be deployed to fit your constraints:

- ▶ Installed on your customer's LAN / WAN / VPN
- ▶ Hosted by you (even for floating licensing)
- ▶ Hosted by Agilis: Acropolis license hosting service
- ▶ Self-contained zero-configuration default packaging includes its own web application server and database system
- ▶ Deployable to any J2EE application server

BUSINESS INTELLIGENCE

Orion captures all licensing events in its relational database for analysis using built-in or custom-developed reports and charts:

- ▶ Usage analysis for engineering and marketing
- ▶ Usage-based billing



ORION NETWORK LICENSING PLATFORM DATASHEET

ORION OPERATIONAL CAPABILITIES

SECURITY

Orion offers the following licensing security features to protect from piracy and license oversubscription:

- ▶ **Piracy:** Automatic node locking non-intrusively eliminates opportunities for piracy
- ▶ **Unauthorized user access:** a system administrator can define rules to selectively enable or block specific machines or groups of machines at a controllable granularity level.
- ▶ **Unlicensed feature access:** the server can grant licensed access for a combination of specific features licensed by you / defined by your customer's system administrator.
- ▶ **Eavesdropping, server spoofing:** built-in public key encryption based secure communication.
- ▶ **Client spoofing:** digital signatures, obfuscation.
- ▶ **Circumvention through process termination:** persistence based architecture does not require application and license server to be simultaneously running and exchanging heartbeats, or for a proxy application to be running for commuter licensing.
- ▶ **Revocable licensing:** a license lease interval can be imposed in order to force periodic license validation, enabling revocation of licenses when required for any reason including non-payment, virtual machine hardware parameter spoofing, recovery from hardware failure.

ORION APPLICATION CATEGORIES

Traditional desktop enterprise applications with network floating licensing requirement

- ▶ Consumer desktop applications with or without Internet access
- ▶ Cloud servers
- ▶ Cloud-based mobile applications and devices
- ▶ Cloud subscription services with control over user account sharing
- ▶ Enterprise cloud services with Internet-hosed floating licensing
- ▶ Secure licensing via resellers
- ▶ Hardware/software and embedded system feature licensing and subscription licensing
- ▶ Pay-per-feature / use / time based applications
- ▶ Disconnected applications
- ▶ Server applications including process-per-connection and clustered architectures
- ▶ Plug-ins for desktop and server applications

SCALABILITY

Scalability is vital for cloud / hosted deployments as well as many embedded real-time systems. Orion is:

- ▶ Scalable to millions of concurrently-active licenses per service.
- ▶ Stateless, asynchronous, persistence-based architecture for high throughput and fast response time.
- ▶ Supports multiple Orion database instances per Orion server.

HIGH AVAILABILITY

High availability is critical for a license server: applications cannot simply stop functioning due to license server down time.

- ▶ Orion's **stateless, persistence-based architecture** eliminates the need for a continuously-available license server or heartbeats.
- ▶ The Orion client library's **overdraft capability** enables license check operations while the license server is down.
- ▶ **Autonomous license validation** in occasionally connected / disconnected mode enables secure license checks in the face of indefinite network outages.
- ▶ Built-in server and network availability is provided via Orion license proxy server's **automatic failover capabilities**.

MANAGEABILITY

- ▶ Web browser based license server administration
- ▶ Automatic job control for 24x7 unattended server operation
- ▶ Customizable event alerter for early warnings
- ▶ Operational reports
- ▶ Automatic expiring-license alerts
- ▶ Back office integration APIs

FURTHER INFORMATION

Orion is offered by Agilis Software LLC, providers of the Acropolis license hosting service.

For more information on Orion, please visit our web-site at <http://www.agilis-sw.com> or email us at sales@agilis-sw.com.

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