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 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 computer 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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