Unigy™ Management System

Introducing the most comprehensive management system for a unified trading communications platform – ever.

Global Oversight.
Enhanced Monitoring.
Advanced Security.
Total Control.

The innovative Unigy™ Management System (UMS) is unmatched in the industry for the flexibility, scalability and management control it provides for maximizing your trading communications system. UMS' intuitive platform administration suite gives IT administrators the ability to quickly and easily self-service the Unigy platform, in turn providing IT and the business increased management and responsiveness. UMS features also:

- **Enable management across multiple global locations**

- **Enhance operational efficiency**

- **Help to effectively manage compliance policies and reduce risk**

UMS is designed to meet today's most advanced security requirements. Additionally, it includes an enhanced Network Monitoring Solution (NMS) that provides enterprise-wide oversight of all your Unigy hardware and software, including all of your Unigy turrets and soft clients.

The embedded monitoring and alarm system lets you be proactive with system issues and address them remotely for simplified and expedited management.

Deployment of new systems, new system endpoints, feature upgrades or patches can all be done remotely as well with the UMS interface – resulting in greater speed-to-market. All this adds up to:

- **Faster deployment of moves, changes and upgrades**

- **More uptime**

- **Lower TCO**

- **A competitive edge for your business**

Features and Benefits

Flash-Based, Browser User Interface — that provides prioritized navigation workflow via a secure Internet connection

Centralized Management — of entire Unigy enterprise, supporting distributed sites anywhere around the globe

Secure Remote Access — allowing simultaneous administration from anyone, anywhere, anytime

Easy-to-Use Management — intuitive interface that allows customers to effectively manage their global enterprise

Unigy Reporting — provides on demand or scheduled reports to aid capacity planning and manage line usage

Integrated Unigy Voice Recording — allows for Unigy voice recording systems to be managed via the UMS

Embedded Network Monitoring System — provides real-time monitoring and single unified alarming across the entire Unigy enterprise

Feature Upgrades and System Updates — can be managed directly via the UMS and delivered modularly to specific users or groups

Control and Compliance — provides customers with the tools to manage their platforms to control access and meet compliance requirements

Get unmatched flexibility, scalability and management control to maximize your Unigy communications system.

Key Operational Advantages for IT
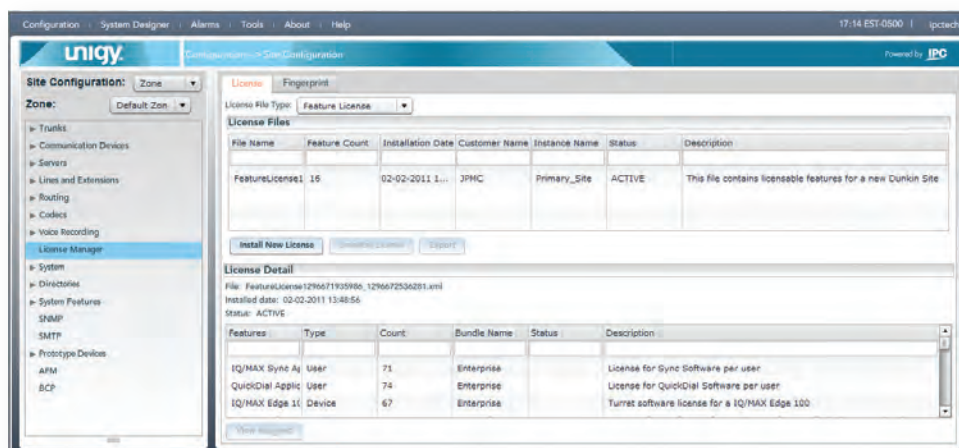
**UMS System Configuration:** Allows deployment and management of all Unigy system endpoints

❨ Streamlined System Management

The Unigy Management System features a unique, flash-based browser user interface and provides secure, remote and simultaneous access for system administrators – allowing centralized management of the entire Unigy platform, regardless of the number of sites or where they are located. Navigation workflow makes it easy to:

- **Manage deployment**
- **Set up new systems and users**
- **Connect to Unigy endpoints** – IQ/MAX® and IQ/MAX Edge turrets and Unigy soft-clients
- **View alarms and monitoring**
- **Access system reports**

The UMS can manage an entire enterprise regardless of how many sites may exist and where they are deployed.

The intuitive user interface lets you drill down to the finest detail within a single site as well as view the entire enterprise. Configuration and user set-up can be managed via the UMS to easily add a single site or set up an array of sites.
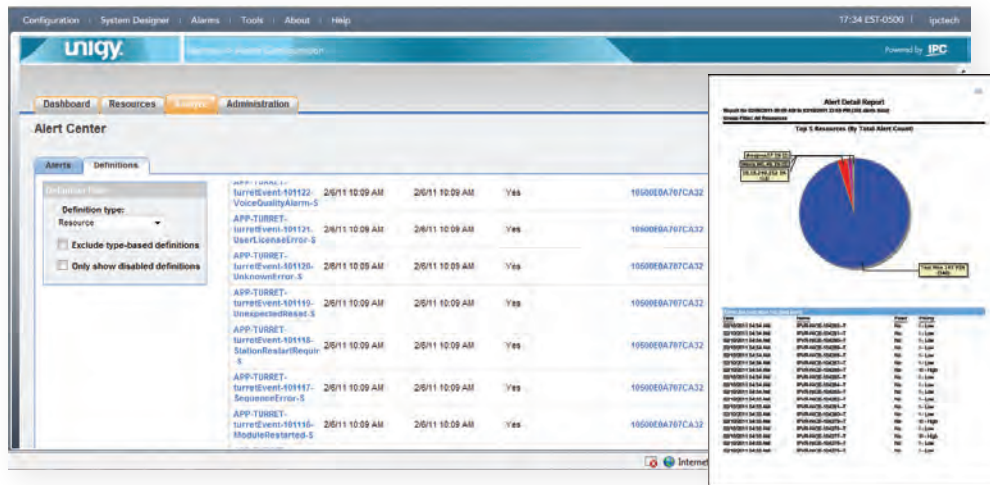
UMS Alarm Monitoring and Reporting: Allows for real-time alarm management of all Unigy hardware and software as well as scheduled performance reports

❨ Enhanced, Centralized Monitoring

The embedded Network Monitoring Solution within UMS provides centralized and real-time monitoring of all Unigy hardware and software components. This NMS can be set up to provide a single, consolidated view of all alarms deployed across the enterprise, which greatly simplifies monitoring and troubleshooting and can lower your TCO.

The Unigy NMS can also provide proactive, system-wide health checks that administrators can use to better protect or modify the system against potential issues. Unigy customers can set up thresholds and system parameters that mirror their respective business practices to ensure that capacities and capacity planning are managed effectively.

That's not all. Unigy NMS can forward all alarms to IPC's Advanced Fault Management service for remote monitoring, which provides intelligent business impact information to a customer's existing NMS, such as HP OpenView, forwarding via SNMP V.1, V.2 or V.3.
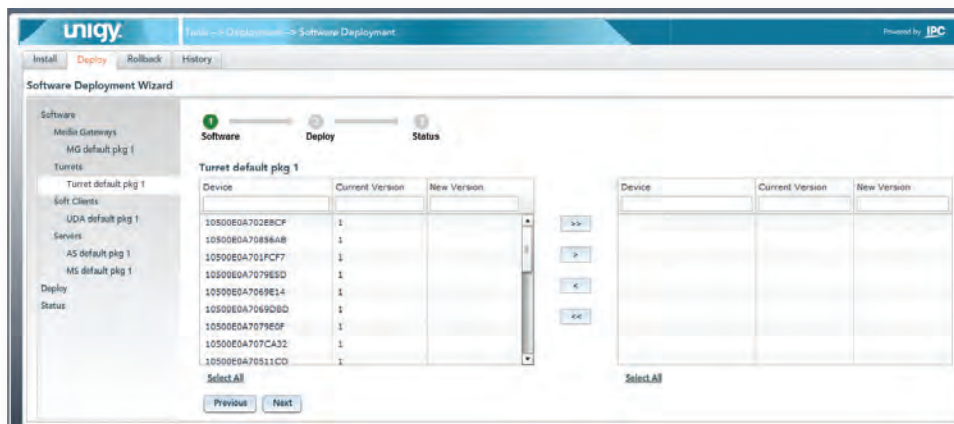

UMS Deployment: Allows for modular updates of new Unigy software that can be delivered to specific users or groups

❨ Advanced Deployment and Upgrades

The UMS allows remote support for deployment and upgrades, resulting in more efficient and faster implementations of new sites or features. UMS also includes a system test tool that automatically verifies and cross-checks the system – turrets, lines, voice recording and connections – after the initial deployment or when any system update has occurred.

All of this can be managed from a single UMS in a remote location. Additionally, UMS allows customers to deploy or upgrade features via a modular, more controlled approach. New applications and services can be delivered to specific users or specific groups. UMS also enables different groups within the enterprise to be on different software versions, based on preference or priority. Upgrade patches can be rolled out incrementally across the enterprise to properly evaluate new functionality and manage risk.
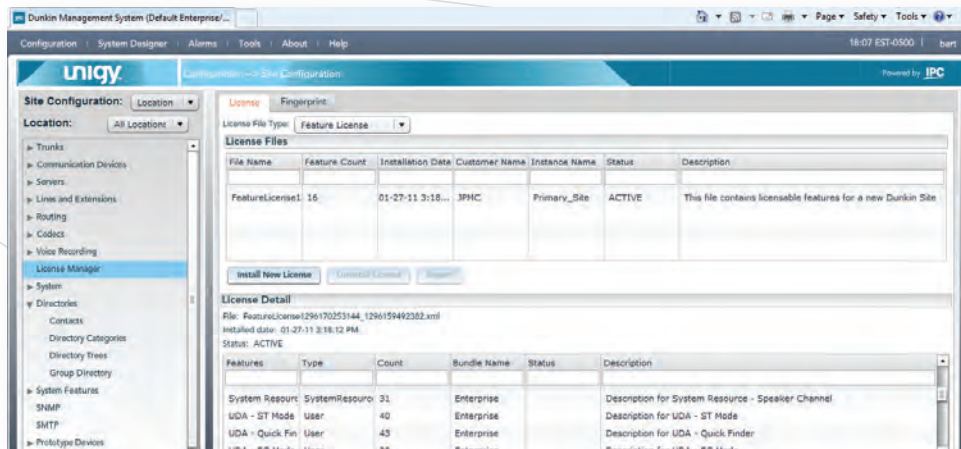
UMS License Manager I: Allows for integration of voice recording and license control of Unigy endpoints

(Integrated Voice Recording

The Unigy Management System features integration with the Unigy voice recording partners. This means security policies for user authentication can apply for both the Unigy platform and the voice recording system, simplifying administration through a single sign-on. IT administrators can manage the entire unified trading communications platform and voice recording suite from the UMS.

(Inherent Resilience

UMS is designed to be highly resilient. It supports:

- **Predictable resilience** – via data replication and stateful failover, eliminating the management server as a single point of failure and enabling access to the administration platform even in the event of a failover
- **Predictable scalability** – via reporting tools that provide customers with much needed insight into system capacity and helps them plan system resources and licenses
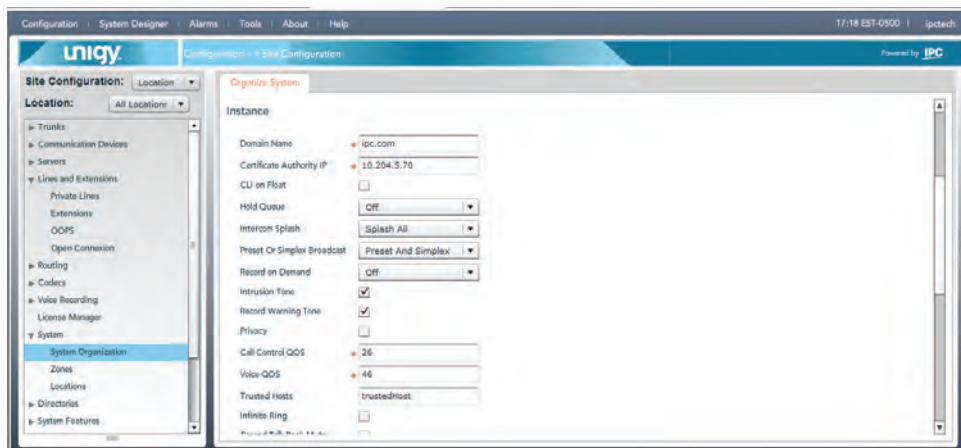

UMS Configuration and Partitioning: Allows for logical platform separation of users based on business or compliance needs

(Advanced Compliance

Platform control is another important benefit of the Unigy Management System. UMS makes it easy to restrict communications between different business groups or restrict particular lines to certain traders or other users.

Current internal and external policies that prohibit information to be exchanged between two parties can now be easily managed on one platform, without the need for two distinct platforms to ensure compliance.
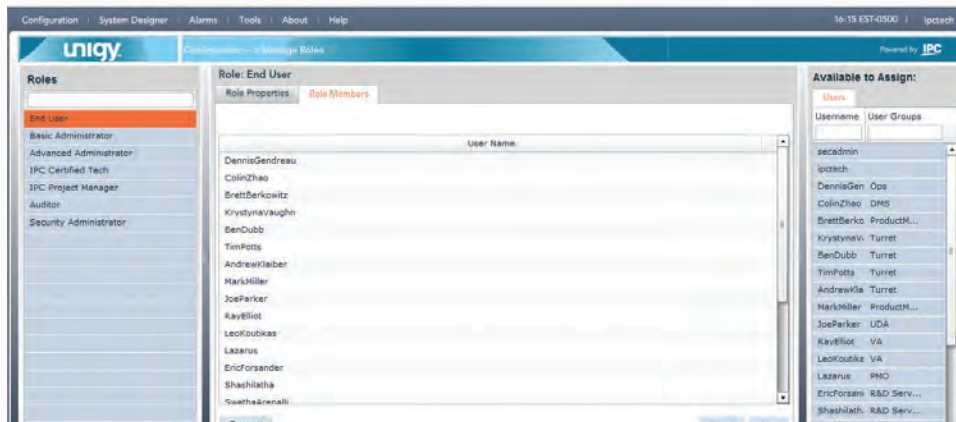
UMS Management of System Users: Allows for role-based access and authorization of all Unigy users

❨ Access Control

UMS provides the latest security controls for users and system access.

- **Access for all UMS users is controlled** – via Role-based access controls (RBAC), which restricts and tiers access to administration and management to only authorized Unigy system users based on their defined roles. RBAC can help lower maintenance costs and increase efficiencies as well as help financial market customers meet privacy and confidentially requirements.

- **Administrator access and security policies** – for passwords are controlled exclusively from a separate security administration role.

All UMS administration changes and user activities are tracked and logged in the UMS, based on user named, so you always know who made system changes and when.

Unigy™ Management System

Just as Unigy's unified trading communications and applications platform paves the way for a new era in trading systems, the Unigy Management System manages the diversity and sophistication needed for today's markets.

- **Global Oversight** – management of the entire Unigy Enterprise, regardless of where it is deployed globally
- **Enhance Monitoring** – built in NMS to provide most effective and proactive system support
- **Advanced Security** – mission-critical security for mission-critical platform
- **Total Control** – tools to allow customer self-service, unified global management, compliance and monitoring – all to provide the business a lower total cost of ownership

Put the power to increase system uptime and decrease TCO in the hands of your IT team.
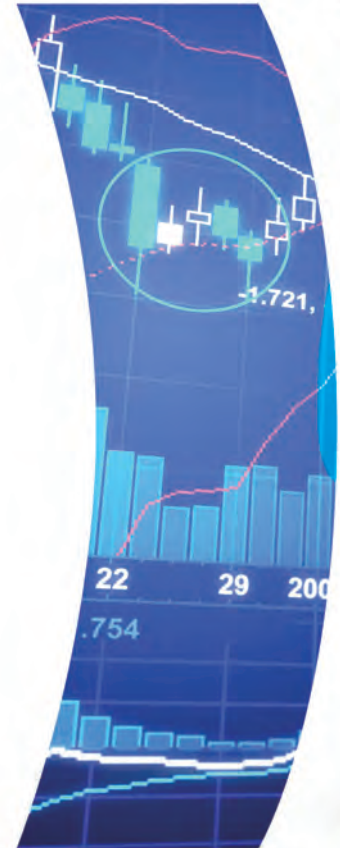
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