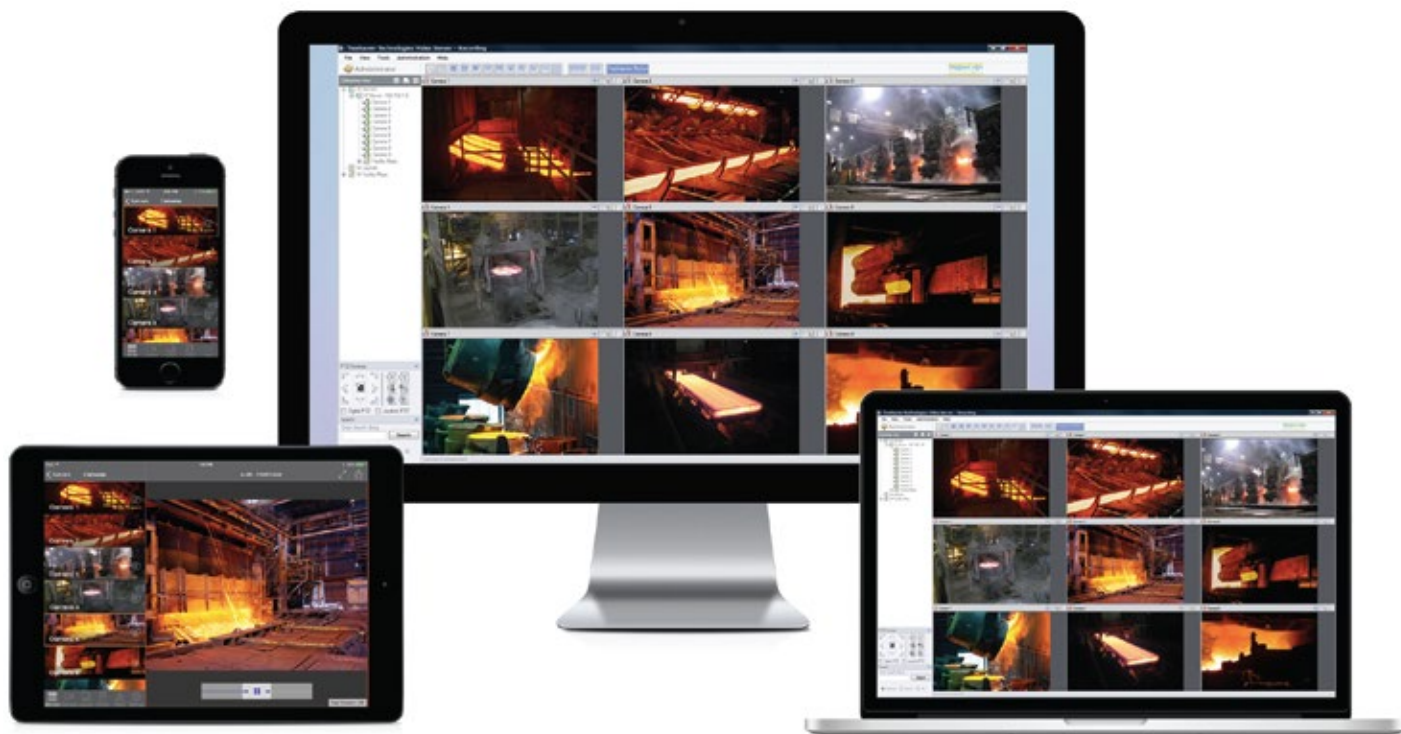Treehaven Technologies' IP Video Management System allows users to add and record over 2,500 different IP cameras at once while maintaining the ease of use functionality that our customers have come to expect from our video management solutions.

The video management suite has three main components used to monitor live and recorded video: Monitor, Web Client and Mobile.

TREEHAVEN
technologies

integrated video©»)

Joystick Camera Controller

Camera(s)

Alarm Interface Unit

THICK CLIENTS
Monitor and Mobile communicate directly with the server to receive camera feeds. One instance of Monitor or Mobile can communicate with multiple servers for the same user interface.

WEB CLIENT
The Web Client connects to the server via Microsoft IIS. IIS can run on each server or a single IIS server can support all Web Clients.

SERVER
The Server is the hub of Treehaven Technologies' Video Management System.
Treehaven's IP Server communicates directly with the cameras and the Clients, provides storage and runs the SQL database. Available in Dell or HP platforms.

STORAGE
Storage options are limitless as they are customizable, depending on the chosen server size or a variety of storage options.

SQL
The SQL server database saves all configuration, motion and system logs.

Client Applications
Monitor Station:
- Client application
- Live and recorded video
- Centralized administration
- Alarm notification

Web Client:
- Live and recorded video
- Internet Explorer, Safari, Chrome and Opera (with optional ActiveX plug-in support for Internet Explorer)

Smart Phone/Tablet Client:
- Live and recorded video
- iPhone, iPad, BlackBerry and Android support
- PTZ control

Software
IP Server:
- Records and manages video
- VM support
- Alarm processing
- 3rd party, access control and analytics integration
- Microsoft IIS for Internet clients
- Active Directory, LDAP and Novell eDirectory support
- Scalable
- Supports advanced camera features
- Load balancing
- All settings are stored in database
- SQL Server based
- Supports cameras up to 20 MP resolution
- Automated failover

Software
IP Server (continued):
- Processes unattended rules and alarms
- Users login to any server, no single point of failure
- 2,500 cameras from 100 manufacturers
- Supports camera- and server-side motion detection
- Supports Treehaven USB and/or Ethernet joystick camera controller
- Flexible hybrid platform for planned migration from analog to IP systems
- Supports user PTZ control partitions and priorities
- Support for all storage
- AD/LDAP active authentication
- Scalable from small systems using a single server to multi-server, multi-location, large camera deployments

Storage:
- Direct Attached, SAN/NAS and iSCSI storage support

IP Server Manager:
- Monitors the IP Server(s) and presents a visual status for each
- Network connection administration
- Diagnostics for trouble shooting and system optimization

Health Monitor:
- Accessory application that monitors the health of all your servers and cameras from a single location
- Emails designated person or group with camera or server failure

Software
Health Monitor (continued):
- Accessory application that monitors the health of all your servers and cameras from a single location
- Emails designated person or group with camera or server failure
- Ensures server uptime
- Health Monitor status windows can also be viewed in the Monitor Station
- Status console
- Outbound from server, requires no open inbound ports
- Federated design. Works with multiple disassociated servers
- Each monitor server can have unique alarm times
- Supports dynamic or static server IP addresses

Video Wall:
- Auto Starts and uses the full screen of each attached monitor
- Allows users to display cameras for all users in a group
- Build a video wall with up to 64 monitors
- Full Screen auto position
- Each instance can support up to 8 monitors
- View up to 36 cameras per grid
- Cycle any number of layouts