Screen Recording Solution
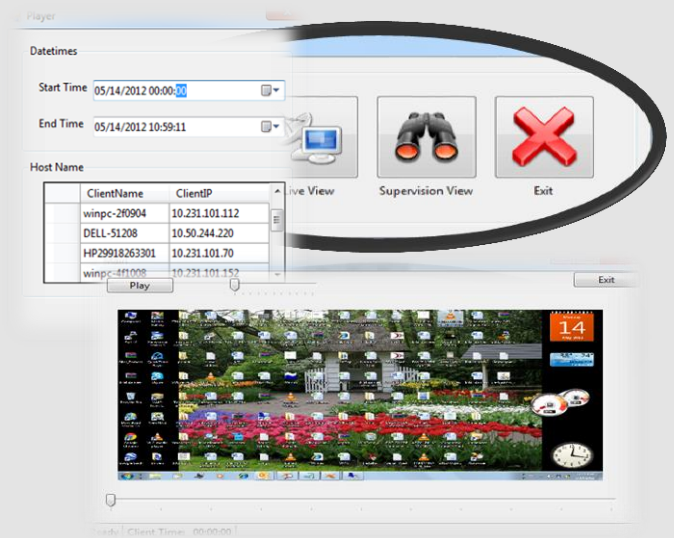
INTRODUCTION

XC Screen Recording Solution is an enterprise recording and archiving solution designed for the telecommunication/ IT networks where the security and record of user activities is highly important to keep track of the operational activities and security breach.

It is targeted to overcome challenges where staff interacts directly with NE/Applications and logging of every step performed by user is required for monitoring and audit.

XC Screen Recording Solution supports number of live recording sessions in parallel which are centrally monitored and searched by an administrator.
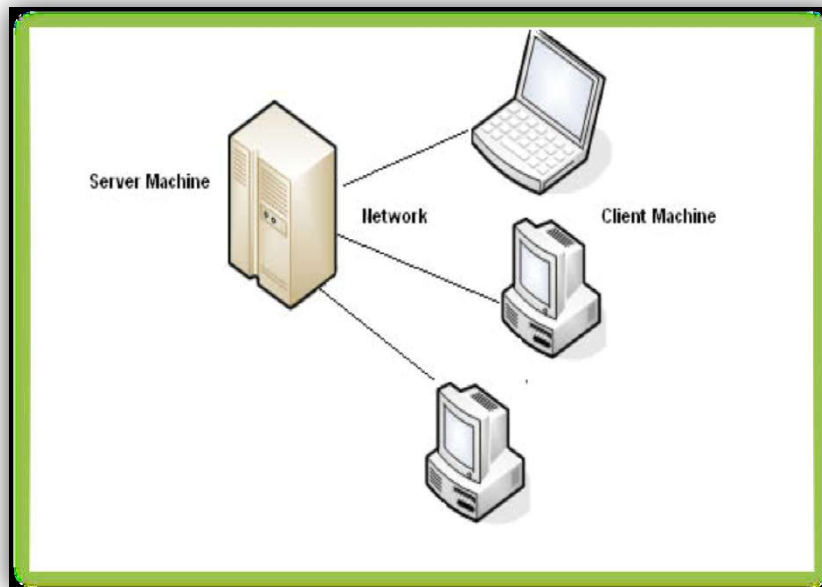
BENEFITS DELIVERED

- Ultimate solution to make full-time screen recording without compromising the quality of the video recordings.
- Automated delivery of recordings and key metrics to centralized storage system for Quality Assurance and Fraud control
- Customizable and scalable to support any business requirements and goals
- Advanced data management and storage options
- Flexible architecture to easily integrate with any business system model
- Key advantage for timely verification and dispute resolution
- Highly secured solution for centralized access and administration
- Client–server distributed Architecture
- Supports various video Codec

FUNCTIONAL DESCRIPTION

A Client-Server model approach has been used. At Client side, snapshots are taken and sent to the server for storage. Therefore client itself does not store any recorded data. For any data retrieval or modification, server side will correspond.
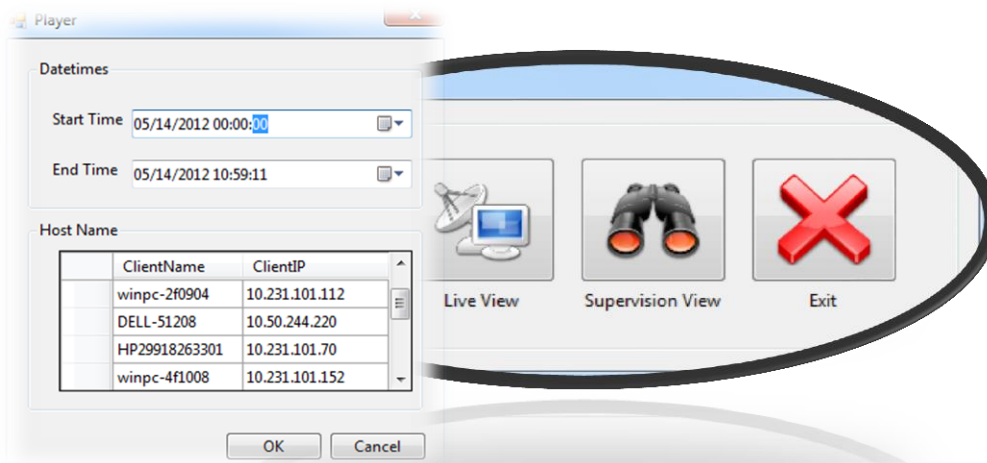

"A Client-Server model"
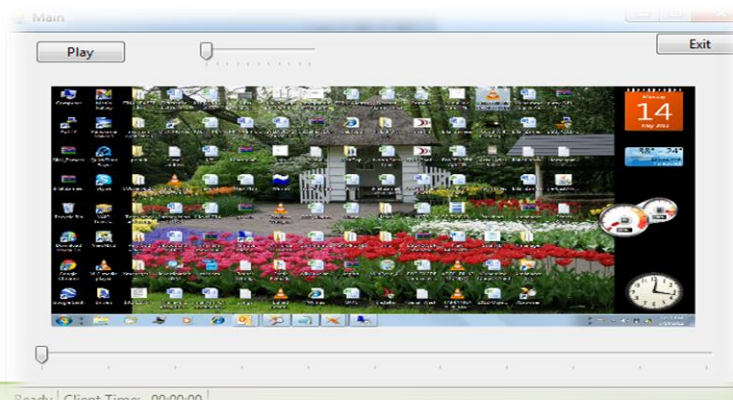
TECHNICAL FEATURES

Video Exporter:

Video exporter is available with client hostname and time based searching ability. Customizable for users based on the scope of their requirements and access rights. Exporter can be used from anywhere on the same network.

Light Weight Built In Player

Light weight built in player is an additional feature with this application. This will allow the customer to search and view videos on demand for quick preview. This will allow the customer to quickly preview any recorded session & is far quicker than video exporter.
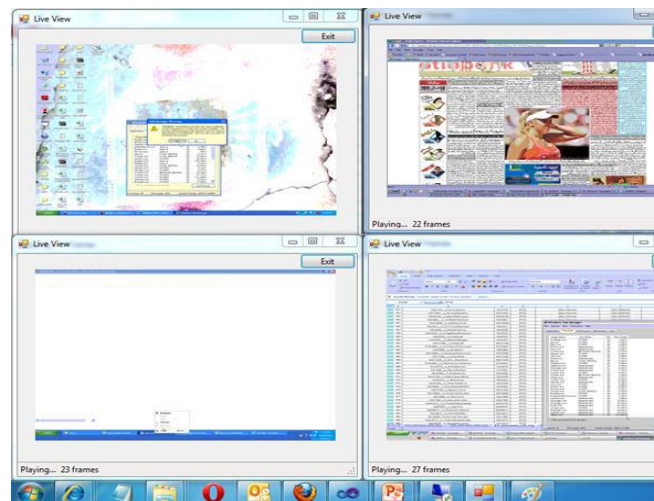
View Live Sessions

The application also provides the capability to customer to view live sessions at client side apart from recorded sessions. This allows the customer to monitor at real time the terminal's screen activity apart from the recorded sessions.

Customized Recordings

Recording session can be based on application currently in use or even it can be activein background depending upon customer requirement. Any application can be added for recording.

OPTIMIZATION FEATURES

Differential Imaging Technique

Differential imaging technique is used to optimize disk space utilization. This feature will automatically discover if there is any activity going on over the client's screen. This will allow the application to determine the inactive state of the client & hence during this interval there would be no data sent to the server side for storage

Data Compression

Data compression technique is used to transfer data to the server for storage. This will enable the communication between the client side and server side to utilize the network bandwidth efficiently.

Connection Stabilizer

The application has an in built connection stabilizer. This feature enables the application to bear short network outages or jitters without any data loss. Through this stabilizer, the data is temporarily stored in memory at client side during the network outage interval

HARDWARE SPECIFICATIONS AND SPACE REQUIREMENTS

- Best Video Recording codecs require Min 300 MB of space per hour.
- Average Recoding Duration : 10Hrs/Day
- Retention Period : 15 Days
- Space Required per Client : 300 MB/hr × 10 hr/day × 15 days=45 GB
- Space Required for 40 Client : 45 GB × 40= 1800 GB

SYSTEM REQUIREMENTS

Supported OS

- Windows XP
- Windows Vista
- Windows 7,8
- Windows 10
- Windows server 2003
- Windows server 2008
- Windows server 2012

HARDWARE REQUIREMENTS

- Minimum: 2 GB RAM, intel® dual-core processor, 500GB-5 TB hard disk (Depending upon the type of deployment)
- Recommended: 8 GB RAM, 4-core processor, 500GB-5TB hard disk (Depending upon the type of deployment