

Make	Model
HikVision	7016, 7216, 7316
Samsung	SVR-940, SVR- 950E

Make	Model
Versax	320 C , 622 C, 820 C
Axis	M5014 PTZ DOME NETWORK CAMERA

Make	Model
Grandstream VoIP	GXE- 502x/ GXV- 3140
DIGISOL VoIP	DG- UP2100E

Software	Version
Cybercafe Software + Bandwidth Monitor	Version - 3
Cybercafe Management Software (CMS)	Customized

Software	Version
ODIN Client	Odin Client Version - 9.1.0.5

NOW Client	NOW Client Version - 1.5.0.0
NEXT	NEXT Client
Orion Lite	Version 1

Software / ERP	Version
SAP	Business One, SAP V7
SAP	ECC 6.0
SAP	ECC 6.0
TALLY Enterprise Edition 9	1.6 Release or more
Eclipse	any
Microsoft - ERP	ENTAB
Microsoft - ERP	Microsoft Dynamics Navison V4
Microsoft - ERP	Microsoft Dynamics - Axapta (AX)
Microsoft - ERP	Microsoft Dynamics- DocuShare 6.0, Outlook
Tally ERP - Version 9.0	any
ORACLE - ERP suite	ERP Version- R12
Orion - ERP	3i- Infotech ERP Version- 10.3.1
PACT - ERP	PACT - ERP with SQL database
E - Build ERP	E - Build ERP with SQL database
ACE - Business Accounting Software	ACE version 9.0
Microsoft Dynamics NAV-2013	Version 7
ILSM S/W	Version 1
Nexterp	Version 1
NOW crm	Version 1

Software	Version
Microsoft remote desktop connection(RDP)	any
VNC Viewer	any
LogMeIn	any
AMMY Web Based Software	any
Team viewer	any

CHAT	
Software	Version
SKYPE	3.1 or above
Yahoo Messenger	7.0 or above
MSN Messenger	7.0 or above
Gmail voice chat (Google talk)	1.0.0.96 or more
Microsoft Net Meeting	any

SQL based 2 Tier Business Applications	
Software	Version
Microsoft SQL Server	Version 2000, 2005 (Replication of data from publisher to subscriber)

Mail	
Software	Version
Any mailing website (Like Gmail, Yahoo, Rediff etc.)	any
Microsoft Outlook	any
Outlook Express	any
Lotus notes	any
Lotus Domino mail	any
Micrsoft Exchange	any

Oracle based software at server end	
Software	Requirements
Oracle 10G at Backend	Citrix web based interface
Oracle 9i at Backend	Citrix web based interface
Oracle Payroll	Citrix web based interface

Citrix web based interface
Special settings required
Login session time = Maximum available in the server end
Local Mouse Echo = 100 ms
Local Keyboard Echo = 100 ms

Ticketing and Lottery
Special Settings Required
NA

	IP VI
Make	Model
Nokia box	Nokia 10 i

Scada PLC application	
Software	MODEL - Made
PLC Based Automation	GE FANUC - Versa max

Software	Version
Nav View	Any

Note:- The above case is of measuring Water level, Humidity and temperature from one location and

Applications Running

Video Surveillance

Settings to be made

Enable all the Active X controls

Enable all the Active X controls

IP

Settings to be made

Enable all the Active X controls

Enable all the Active X controls

Voice over IP (VOIP)

Settings to be made

IPSec VPN

Voice Trunking

Cybercafe Setup Model

Special Settings / Configuration if any

Server IP should be configuration on all the Client at every remote café, so as to make the communication possible between Server & Clients.
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Broking Application

Special Settings / Configuration if any

Enable Non HTTP Port, with prioritising the Ports through which the Odin Client application (Rates) are synchronised with there Odin Server.
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Enable Non HTTP Port, with prioritising the Ports through which the NOW Client application (Rates) are synchronised with there NOW Server.
Enable Non HTTP Port, with prioritising the Ports through which the NEXT Client application (Rates) are synchronised with there NEXT Server.
Priortise the Ports through which the Orion Lite Client application (Rates) are synchronised with there Server.

ERP / SAP / Accou
Special Settings / Configuration if any
NA
Enable Non HTTP port 3200 / 3900
Enable Non HTTP Port
Enable NON HTTP Port, Connection time out to be set = 10000 ms
NA
Priortised Non HTTP Port
NA
NA
Priortised Non-HTTP port
NA
Priortised Non-HTTP port
NA
Priortised Non-HTTP port
NA
Priortised Non-HTTP port
NA
Priortised Non-HTTP port
Priortised Non-HTTP port
Priortised Non-HTTP port

Remote Desktop
Display configuration = 1280*768 Pixels or low
NA
NA
NA
NA

s
Special Settings if any
Session time of the publisher to be increased

Requirement over Vsat
No special requirement
Works at the client end, not at the server end
No special requirement
Works at the client end, not at the server end
Works at the client end, not at the server end
NA

Suggestion
Citrix presentation server 4.5
Citrix presentation server 4.5

PN Solution
Requirements
Static IP for VPN device

Protocol
S90 -Triplex

Navigation
Special Settings Required
NA
and sending across the same to other via VSAT.

on HughesNet Broadband Network

/ CCTV - With DVR - Suggested Settings

FPS
8 to 15
8 to 15

Camera - Without DVR

FPS
6 to 10/12 Frames
1 to 2 Frames

Special Settings if any

No special requirement
Requires Public IP Subnet

Topology

Server / Client Architecture
Server / Client Architecture

ns (Client Based)

Network Portability & Requirements

Application preferably runs over Single Odin Client, with proper refreshing rates of Maximum **30-35 Scripts** over any **1 Mbps plan** with average Client to Server response time of **600 - 1500 ms**. Moreover all the security applications such as (Firewall/ Antivirus) should be disabled at the client PC's, also Lan PC's should not send any Spurious traffic to the Modem which may lead to high local lan traffic, delay in the overall response and may cause disconnectivity of application.

Application preferably runs over Single NOW Client, with proper refreshing rates of Maximum **30-35 Scripts** over any **1 Mbps plan** with average Client to Server response time of **600 - 1500 ms**. Moreover all the security applications such as (Firewall/ Antivirus) should be disabled at the client PC's, also Lan PC's should not send any Spurious traffic to the Modem which may lead to high local lan traffic, delay in the overall response and may cause disconnectivity of application.

Application preferably runs over Single NEXT Client, with proper refreshing rates of Maximum **30-35 Scripts** over any **1 Mbps plan** with average Client to Server response time of **600 - 1500 ms**. Moreover all the security applications such as (Firewall/ Antivirus) should be disabled at the client PC's, also Lan PC's should not send any Spurious traffic to the Modem which may lead to high local lan traffic, delay in the overall response and may cause disconnectivity of application.

Application runs smoothly over Four Clients, with refereshing rates of average 15-20 scripts over 1 Mbps IVPN Plan with average client to server response time of 700-1200 ms.

nting Softwares

Web based
SAP Client software using IP based interface.
SAP Client software version- 7.1 using Citrix web based interface.
Client Server Architecture - Used for Online Accounting
Go Global Web (IP) based interface to run this application
Citrix web based interface to run this application OR may run by taking RDP o
Propalm client as web based Interface
Oracle Client software GUI for logging in the application
Web based application running on Oracle platform-10 G
Citrix web based interface
Web Based Application
Server - Client connectivity through VPN
Web based interface to run this application
Web based interface to run this application
Client Server Architecture - Used for generating reports
Client Server Architecture - Used for generating reports

p Connection

Special Settings Required
Colors => True Colo(16 Bit)
NA
NA
NA
NA

Settings to be made
Static IP to be config at the WAN interface of VPN device

Setting required
No special requirement

Bit Rate	Quality Settings
Lowest possible which can be configured in the DVR (32 to 64 Kbps)	Low ; Default is High
Lowest possible which can be configured in the DVR (32 to 64 Kbps)	Low ; Default is High

Bit Rate	Resolution
Set Default as per the frames per seconds, Maximum to be set = 40 Kbps	QCIF/ QQVGA
Set over 1 Frame per second, with compression set on 80	640 X 390 Pixels

Special Requirement
<p>If two ODIN clients are to be configured at the remote, then there should be preferably max. 10 - 15 Scripts on each client & moreover Client to Server response time should be within 1000 - 1500 ms.</p>

If two NOW clients are to be configured at the remote, then there should be preferably max. **10 - 15 Scripts** on each client & moreover Client to Server response time should be within **1000 - 1500 ms.**

If two NEXT clients are to be configured at the remote, then there should be preferably max. **10 - 15 Scripts** on each client & moreover Client to Server response time should be within **1000 - 1500 ms.**

Client to Server response time should be below 1800 ms.

I Interfaces

f remote terminal server.

Performance => Low Speed Broadband

NA

NA

NA

NA

**Performance also depends on
resolution, compression rate**

**Performance also depends on
resolution, compression rate**