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#### **INTELLISYS** Technologies & Research Ltd



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Vennfer



"Vennfer" – Virtual enterprise network Conferencing

#### Introduction

### INTELLISYS

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The year 1996, INTELLISYS developed Insurance Juaorant II Technologies Inc., USA (Warrior Insurance Group In The 2nd Cube architecture of this product won the 1st prize in Windows Open World, (COMDEX 1996).



#### Warrior Brings Continents Together for Software Development



"The architecture of Macron is different than any tec-we have seen," says Acrop. "We are able to gain expe-working on a new and challenging protect." to work. And that mile over with

State: Manuely degree in a

term that is working with Samit Re-Quadrate II Technologies to develop status Marson, o term work

Why did Wanter choose to work with a company

"We seen to build looking for a company to manuater off-bow diversing out of biastos," any basel. Boy prevalent of Quadrant II inclusing Tracting seen able to caritate part suggifter a qualifier ment that could do the work to ball the most and a third of the core that it would halo no the 11.5."

#### **Partner Spotlight**



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for a pile, but Antip is happy to be part of this propert. 'Our entire scans in carsted alient working on this software It is a great approximate for record and the seast of buselines."



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In the year 2000, we launched India's first e-learning Management System "enlitor" to facilitate technology enabled learning across the country and created a Global Education Delivery model.



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In the year 2001, we in collaboration with NSE.IT launched the countries first technology enabled learning platform "Finvarsity" for the financial services market in the country including Banks , Financial Institutions and Stock Exchanges.









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NSE.iT is the third largest Stock Exchange in the world and runs one of the largest VSAT implementations in the country with over 3000 VSATs, 10000 leased lines doing about 2.2 million end to end transactions every 5.5 hours, our Learning Management Solution has proven expertise on the on the Intranet platforms

In the year 2002, implemented one of the largest LMS UNTEC projects in the country at MSBTE connecting over 141 engineering colleges with over 1,40,000 students

We were invited by the United Nations Technical Education Committee to submit a paper and deliver a lecture on how to enable learning across a wire



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In the year 2003, in a global search Microsoft has awarded "endor" product under the Microsoft Solution Builder Program and has also published a Asia Pacific Case Study on the same



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In the year 2004, we in collaboration with our telecom partner HUGHES enabled numerous educational institutes in the country to conduct live classrooms beyond their campus across the country in 40 cities in India





Next-generation Learning Tools

The classroom

with

NO backbenchers



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	test on work , energy & power	(100.00 %-)	100.00 %	91.89 %
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	class test on complex eq	(42.86 %)	42.86 %	81.34 %
		Page 1 of 1		



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# In the year 2005 & 2007, NASSCOM has listed us in its directory of the most INNOVATIVE IT organisations in the country



	Year of Establishment - 1999	
Area of specialisation	e-Learning-and Live Collaboration	
Field of Innovation	e-teoming solution	
Compony Overview	Intellign storted operations in 1974 as on BNA. Business Portnes: The company is a Alicosoft BV and Certified Portner and focused on the modular for Multi-tar Client Saver Computing in a Dathbushing Computing Environment, assering E-Business and Object Oriented Sectionsciptes. Initiation for and and the ori software development Roclines, in the USA and India, Intellign Beccare the officione software development portner of Ocudarius I Bischnologies Initiations and pointly developed the Insurance Mounter software, a mission critical entroprise level application for the Insurance industry.	
The Innovation	"enitor" is on advanced e-Learning solution based on a highly stabilitated software engine pixely developed by helays and NGE.T U.S. The product integrates technology for improving the conventional dispensal of knowledge, both in terms of delivery and reception.	
	Built on state-of-the-ort Microsoft Technologies and open Source Technologies, it is capable of deploying contents like test, oudio, live mation video, interactive and streaming multi-media through the Internet, IAN, Wark, Roodband, VAR, thes providing a highly interactive learning medium through Virtual Classroom.	
Kay Achievements	<ul> <li>Within a short spon, "eniltor" has emerged as a leading e- Learning solution in the country.</li> </ul>	
	<ul> <li>"enlitor" currently has over 15 e-Learning implementations across corporates, educational institutes and the poverment.</li> </ul>	
	<ul> <li>Over 6000-concurrent user licenses of "enlinor" has been sold till now ofong over 5 Unlimited User Server Licenses.</li> </ul>	
Potential Mariket	In a country like India with a huge population base, "enliter" as a learning management System has a huge potential in the all the corporate, education and government segments. A significant international market apportunity also exists for this product. The company is tangeting regions such as the APMC, US, Cold, Alrica and Canage.	

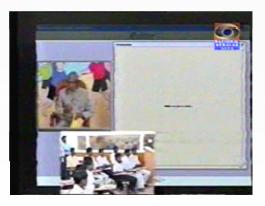
ww.Intellisysin.com

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One of the recent most successful demonstration of "enlitor" was for EDUSAT Programme (jointly with HUGHES) which was launched by the Honourable president of India Dr. A.P.J. Abdul Kalam on the 28th of July, 2005 at Trivandrum, Kerda







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INTELLISYS's is a company focusing on high-end collaborative research and development efforts in the field of technology enabled collaboration, unified communication and videoconferencing is one of the first of its kind in the country in the following areas:

#### Live collaboration components

- Software based multiparty, multipoint videoconferencing product / application
- High definition collaboration components development of H.264 / H.265 high definition codec on multicast network transmission protocol
- Tele-medicine Tele-consultation, Tell-monitoring, Tele-mentoring, Tele-presence, Continuing Medical Education and virtual reality based 3D training
- Tele-education Live collaboration studio and remote classroom based Learning
- Tele-banking Videobanking applications
- Telecom Videoconferencing on demand applications
- Mobile Communication Technologies Advanced 3G mobile multiparty videoconferencing application
- ➡ 3D Videoconferencing & Content Generation Application

#### Why Vennfer?

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- Our study on the hardware end point VC equipment manufactures's namely Polycom, Tanberg and Sony
- Our findings Unicast was being used as a network transmission protocol which would always be a bandwidth multiplier and hence impact scalability and for HD thiswould multiply manifold
- Usage of MCU for multiparty conferencing
- There was no solution that could integrate users on the boardrooms, PCs, Laptops and Mobiles in one integrated conference
- Our Solution Development of H.264 / H.265 High definition Video Codec's
- Integrate the same with Multicast as a network transmission protocol
- The result A unique software based videoconferencing solution "Vennfer" which would be robust and highly scalable, platform and network independent solution which would not only be unique for the country but also globally and can revolutionize the way Videoconferencing is done worldwide

#### Vennfer USPs

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- "Vennfer" is an advanced, powerful, robust and sealab solution
- It is platform independent as it runs both on hardware(including Desktops, Laptops and mobiles) & software
- + It is display device independent as it runs on any kind display LED, LCD, Plasma,
- Projectors, TVs, PC Screens, Laptop Screens and Mobile Screens
- It is camera independent as it runs on any kind of cameras High-end PTZ, Handycam, Webcam, and Mobiles
- It is network independent as it runs on any kind of Network Leased Lines, VSATs, MPLS VPNS,
- ILLs, Broadband and High Speed Datacards(HSD)
- It is a complete IP based video conferencing solution that enables real-time audio, video, and data communication over LAN, WAN (leased lines, VSATs, VPNs) and broadband by using TCPIP multicasting technology thus conserving real time bandwidth in case of synchronous audio and video delivery at multipoint locations thus, providing a highly interactive communication medium



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"Vennfer" runs on any IP based communication network which can support multicast over TCP/IP

- Intranets
- Leased Lines
- VSATs
- VPNs
- Broadband
- HSD Datacards
- CDMA
- 3G Mobile Networks (In progress)



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 Developed a unique software based H.264 / H.265 compliant multiparty, multipoint videoconferencing solution on the multicast network transmission protocol

The solution is purely software based and does not use any hardware based MCU for multiparty, multipoint videoconferencing

- The product would save between 50-65% of the capital cost of acquisition as compared to any traditional hardware based videoconferencing system
- The product would save 40-60% of the recurring bandwidth cost as compared to any traditional hardware based videoconferencing solution

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#### **Meoconferencing Market Trend**

"There are going to be a few thousand boardrooms,

few million PCs and a few billion handsets"

Estimated global market size is USD 9 Billion as per Frost & Sullivan projections of the growth of overall collaborative technology market.

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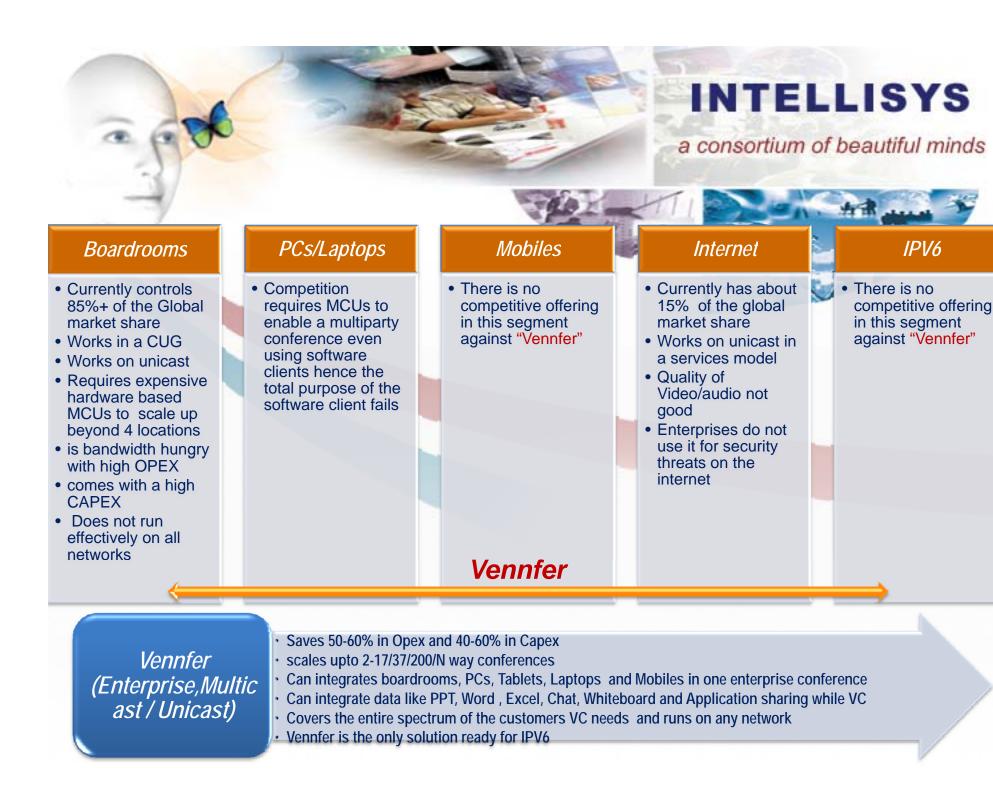
Through "Vennfer" we not only have a unique product in the country but also globally as per our understanding and our solution can revolutionize the way videoconferencing is done worldwide

India USA UK Germany Japan Singapore Australia Africa





Videoconferencing Landscape





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"Vennfer" would enable videoconferencing between multi-party users from multipoint locations like boardrooms









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#### Vennfer Product Features

"Vennfer" would be able to conduct many-to-many simultaneous videoconferencing sessions 2-17 / 37 / 200 / N





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Users of "Vennfer" while conferencing would be able to maximize video, share for Powerpoint, Excel, Word, Browser, Pdf, Whiteboards, Instant chats, and Application sharing













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"Vennfer" would enable switching between meetings and surveillance mode to enable real-time surveillance across the enterprise







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#### "Vennfer" would run on any kind of hardware display LED, LCD, Plasma, Projectors, TVs









#### R & D Ecosystem

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#### R & D Ecosystem

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IIT Kharagpur, R&D Centre











Kolkata R & D Centre

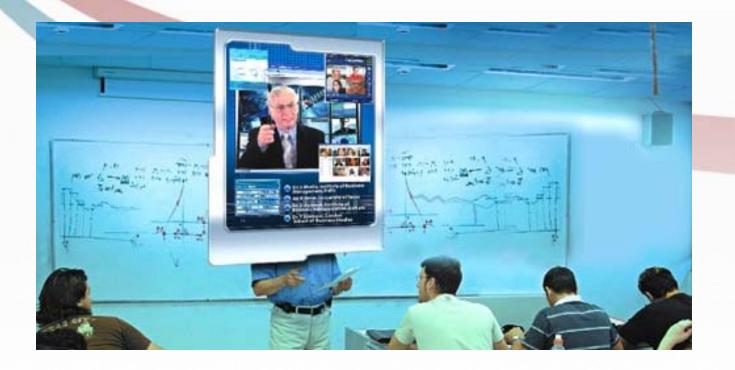


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#### "Vennfer" for Education & Training

- Top management / board / council meetings
- Face-to-face meetings
- Educational presentations
- Classroom sessions
- HR-placement meetings
- Campus interviews
- Distance learning
- Seminars
- Collaborative educational sessions
- Faculty meetings
- Security and real-time surveillance





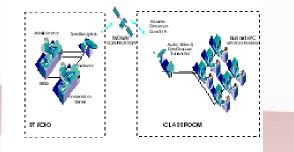


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#### Using "Vennfer" you can do Live Synchronous Studie Collaboration



Learning and

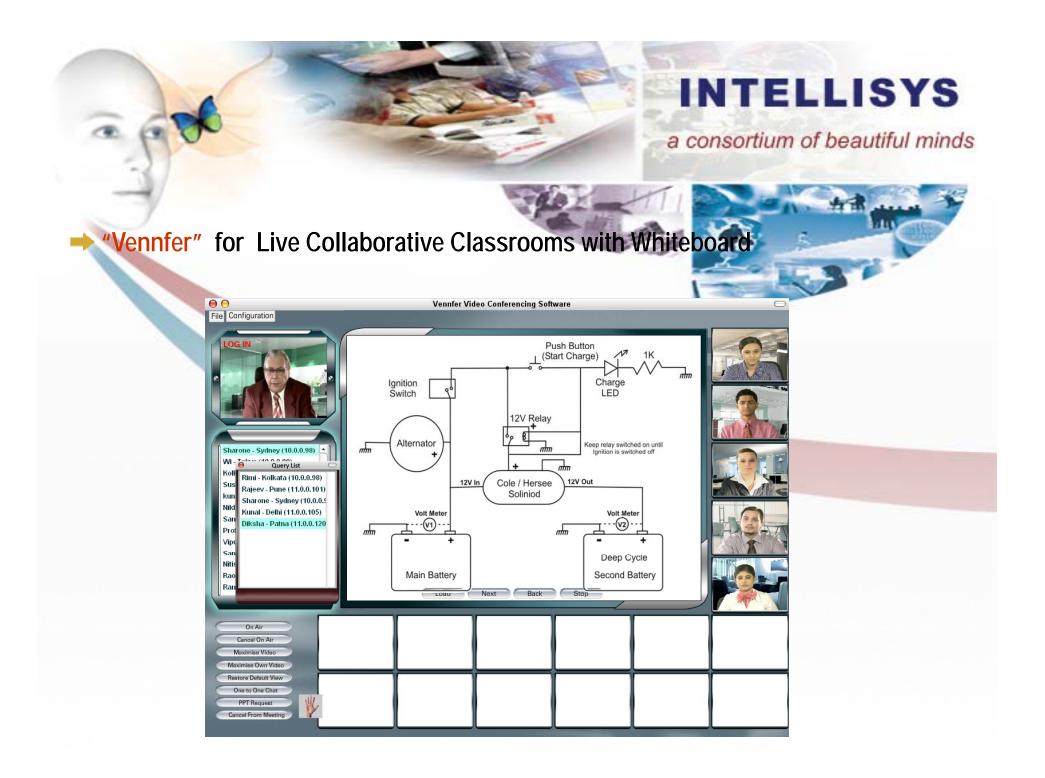
















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- "Vennfer" for Healthcare following areas on account of scarcity of doctors and para-medics
- Telemedicine

~ Tele - consultation ( Direct clinical, preventive, diagnostic, therapeutic, treatment, consultative & follow-up services)

- ~ Tele monitoring (Remote monitoring of rehabilitation services)
- ~ Tele mentoring (Education to patients & healthcare professionals)
- ~ Tele presence (Remote assistance in surgery)
- Continuing Medical Education
- Administration

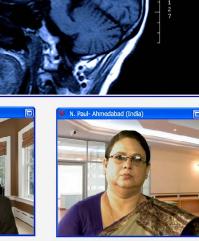
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"Vennfer" can be used for video conferencing extensively in the Healthcare industry in the following areas of Tele-medicine;

~ Tele consultation (Direct clinical, preventive, diagnostic, therapeutic, treatment, consultative & follow-up services)





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#### e - monitoring (Remote monitoring of rehabilitation services

Vennfer Telemedicine











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#### le - presence (Remote assistance in surgery)

Vennfer Telemedicine













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## Nemedicine on Mobiles (Integration with DICOM)













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Using "Vennfer" you can do 3G Mobile conferencing a Companies for Videoconferencing on demand







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#### "Vennfer" for the Government

- e-Governance Projects
- Statewise SWAN projects
- Education Departments
- Healthcare Departments
- Judiciary & the Legal System
- Police Force
- Defense
- Inter departmental meetings of all govt. departments
- Public Sector Organisations
- Security and real-time surveillance
- CSC's and Kiosks





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"Vennfer" for Video Banking Services , Finance, Securities Insurance & Treasury, PSU Banks









#### One to One Chat

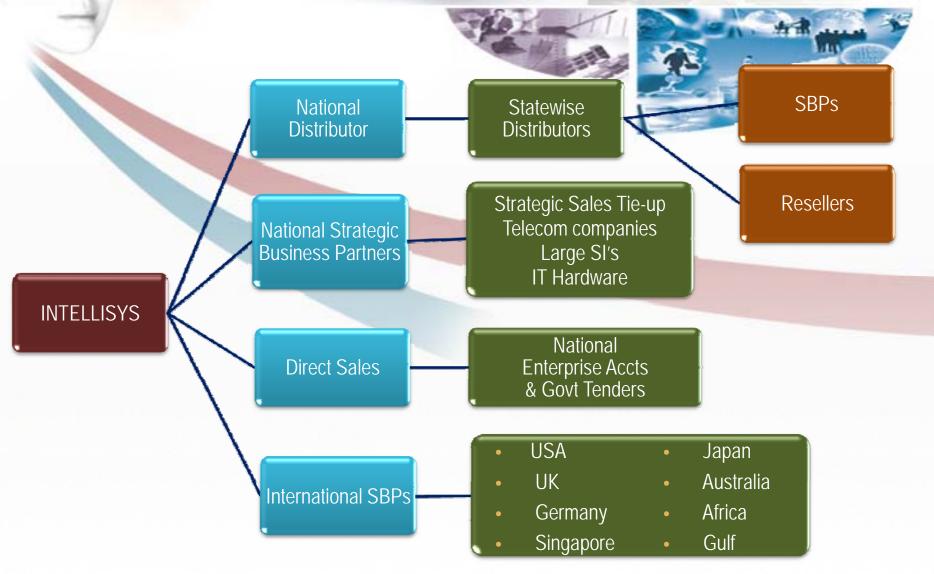
Customer : my account no is 11659723644 Relationship Manager : ok Customer : my ATM card no is 586976633214569 Relationship Manager : ok Customer : card expiry date : 10.01.2020 Relationship Manager : Confirm your name please Customer : Yashwant Rao

My Address : The IL & FS Financial Centre 1st Floor, Qdt. 'C', Plot No. C - 22, 'G' Block Bandra Kurla Complex, Bandra (E)

### **Product Distribution**

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### Support Services

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# Escalation matrix followed

- Email
- Call Centre
- Telephone
- Remote
   Diagnostics
- Onsite

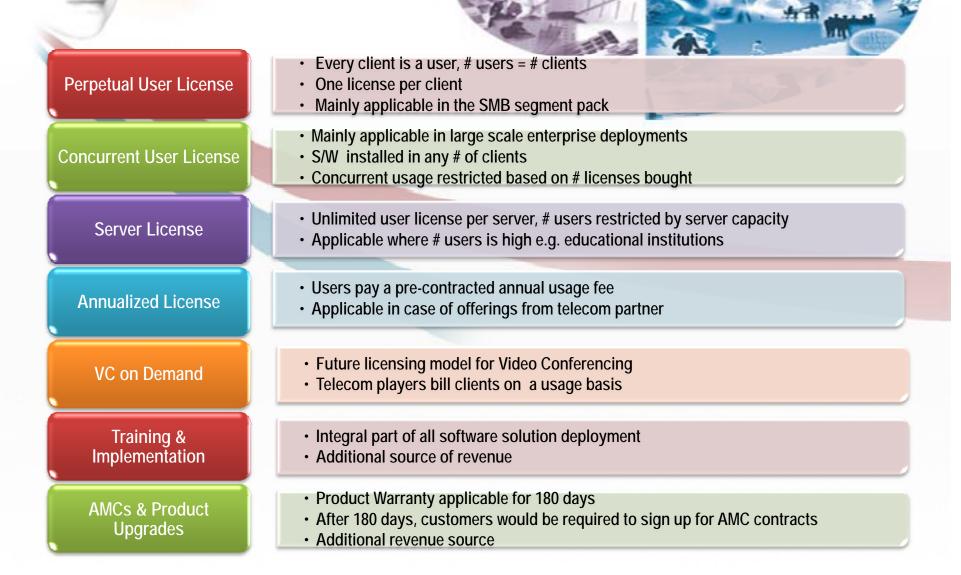
Existing partners trained on basic support & installation

Separate Enterprise and SMB support Exclusive support partners appointed on a nationwide basis

#### Licensing Patterns

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