

*TTC and GemaTech can help you achieve significant cost savings by transforming your client facing telecoms connectivity away from outdated Private Wires and into a fully flexible and secure VoIP solution. This can save you up to 30% off the cost of local/local, and up to 80% off the cost of international Private Wire line rental charges.*

Trader Voice *Anywhere*™, powered by GemaTech technology is set to change the landscape of Trader Voice communications within the trading floor. Traditional dedicated "private wires" have been the backbone of Trader Voice communications but they have become inflexible and costly as technology has evolved. **Trader Voice *Anywhere*™** is a leading edge IP solution that utilises existing technology and infrastructure to complement and enhance existing Trader Voice services.

**Trader Voice *Anywhere*™** is a secure and reliable IP voice software platform that can be routed via the customer's corporate WAN, securely encrypted over public internet connectivity or provided across dedicated Ethernet connections. Working on a two tier fixed pricing model (local / local and international non distance dependant) This solution offers a number of tangible benefits to its users.

- Significant cost saving – two tier fixed pricing model, non distance dependent
- Flexible self provisioning – change and add Traders easily and quickly – *in seconds*
- Instantaneous redirect of individual channels providing a full business continuity and disaster recovery platform for existing channels
- Expandable reach to new markets and / or individual remote Traders in previously cost prohibitive locations.
- Removes the need for additional expensive DLIC Cards
- Low cost "Hoots" broadcast capability
- Secure client portal for real time provisioning, inventory and billing management
- Additional Cloud based voice recording available
- Additional Cloud based live, speech analytics available

**Trader Voice *Anywhere*™** not only offers security, reliability and the ability to integrate within a customer's existing network infrastructure but is supported by our Network Operations Centres throughout EMEA and USA with Asia scheduled 2014 to overlay **Trader Voice *Anywhere*™** with a global end-to-end fully managed service providing:

- 24 x 7 Customer Support
- Single point of contact for ongoing service management
- Accountability for the full cycle of fault management
- Fault escalation

GemaTech is a specialist telecoms technology company working to radically *transform* and *revolutionise* the traditional Trader Voice market. *See overleaf for technical details*

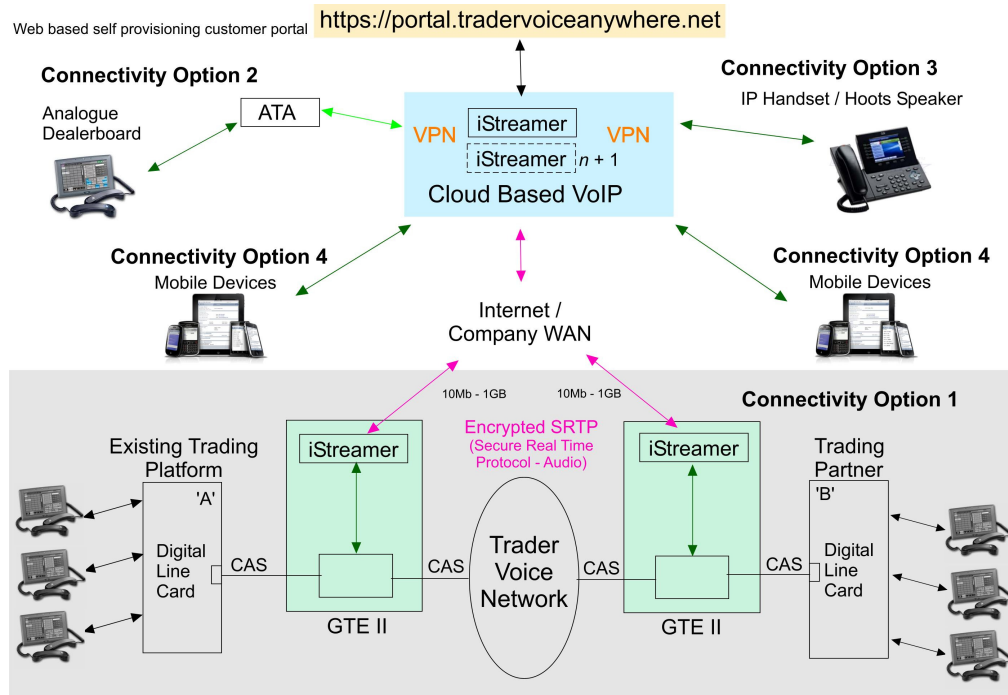


# Trader Voice *Anywhere*™

## Technical Details

Built on a robust and resilient platform Trader Voice *Anywhere*™ has:

- Secure AES128/AES256 encryption over Virtual Private Network (VPN)
- Channel Capacity (per iStreamer) Up to 120 channels per iStreamer. Multiple iStreamer servers permitted for scalability and added resilience
- Channel Capacity (per GTE II) up to four E1/T1 Channel Associated Signalling (CAS) Fractional E1/T1 Channel Associated Signalling (CAS)
- SIP provisioned via PBX/Turret connectivity or standalone SIP Handset
- Analogue Connectivity via optional IP ATA (1,2 or 4 FXS ports) IP connectivity (100Kb/s per voice channel typically)
- VoIP Audio codecs: G.711 PCM 3.4kHz A-law/U-law (64kbit/s voice). G.729 Annex A – CSACELP. G.722 7kHz audio-coding within 64kbit/s
- VAD (Voice Activity Detection) Bandwidth Optimisation
- GTE II Specification: Octal E1/T1 interface on balanced 120/100 Ohm RJ45 sockets (with passive bypass) 10/100/1000 Mb Ethernet interface on UTP RJ45 socket TDM to IP latency 3mS (typically) IP to TDM Latency 3mS (typically) Power: dual 110v-230v AC
- Active-Active Disaster recovery (DR) capability to IP / TDM / Analogue remote DR Site (optional equipment required at DR site)



There are a range of scenarios where **Trader Voice *Anywhere*™** can help meet your business objectives. Whether to optimize operating costs, reviewing BCP options or seeking cost efficient access into new markets please contact us for more details. **Tel: 0845 345 3333 or email at [info@gematech.com](mailto:info@gematech.com)**