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New compression software from TriaGnoSys enables cheaper calls

TriaGnoSys has launched VoCeM, which it claims is the world's most efficient satellite communications compression software. Currently, voice over IP (VoIP) calls use up to 96 kbit/s, GSM use up to 30 kbit/s; using VoCeM, each call will only use 6 kbit/s. Satellite costs will therefore be reduced significantly, meaning call costs for the end user can be much lower. Not only does VoCeM reduce the kbit rate for calls, it also increases the number of simultaneous calls each satellite link can handle. Using the VoCeM compressor, Inmarsat or Ku-band payload usage can be increased by a factor of between 5 and 10.

The VoCeM software has been designed to be installed on existing GSM, 3G/UMTS and VoIP communications servers, so no hardware upgrades are involved. In addition, the considerable cost savings mean VoCeM provides a quick return on investment.

VoCeM can be used for all forms of remote communications systems, including passenger and crew GSM and VoIP services on cargo and cruise ships, aircraft, and remote terrestrial sites, such as oil fields and mines.

Axel Jahn, managing director of TriaGnoSys, explained. "Any one already providing either GSM or VoIP services on ships, aeroplanes or in remote areas on land knows how important those services are. What we can do with VoCeM is cut call costs and increase the number of simultaneous calls available. And all it takes is a simple software upgrade," he noted. "It is not magic – it is the application of state-of-the-art transcoding and compression techniques combined with innovative kilobit transmission technology.

"The promise of onboard and remote communications services has always been that the experience will be the same as standard terrestrial services. The technology to make that happen has been available for some time, but at a cost. The introduction of VoCeM, bringing down call costs, means the promise is now reality," Jahn added.

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TriaGnoSys dramatically reduces cost of satellite calls

Germany's TriaGnoSys has launched ultra-efficient satellite communications compression software called VoCeM, which can be used for all forms of remote communications systems, including passenger and crew GSM and voice over IP (VoIP) services on aircraft.

At present, VoIP calls use up to 96 kbit/s and GSM use up to 30 kbit/s. Using TriaGnoSys' VoCeM product, each call will only use 6 kbit/s, says the German firm.

Satellite costs are therefore reduced significantly, "meaning call costs for the end user can be much lower".

In addition to reducing the kbit rate for calls, VoCeM also increases the number of simultaneous calls each satellite link can handle. Using the VoCeM compressor, Inmarsat or Ku-band payload usage can be increased by a factor of between five and 10.

The VoCeM software has been designed to be installed on existing GSM, 3G/UMTS and VoIP communications servers.

"Anyone already providing either GSM or VoIP services on ships, planes or in remote areas on land knows how important those services are," says TriaGnoSys managing director Axel Jahn. "What we can do with VoCeM is cut call costs and increase the number of simultaneous calls available. And all it takes is a simple software upgrade. It is not magic - it is the application of state of the art transcoding and compression techniques combined with innovative kilobit transmission technology."

TriaGnoSys is perhaps best known in the in-flight entertainment and connectivity (IFE&C) industry for supplying the software behind the Airbus/SITA partnership OnAir's onboard GSM mobile phone solution, which uses Inmarsat's SwiftBroadband satcom.

However, TriaGnoSys also recently made headlines when it teamed with T-Mobile, VT Miltope, and ViaSat to offer a Ku-band satellite broadband and GSM telephony service for air transport. The T-Mobile-led team is involved in discussions with Lufthansa in relation to finalizing a contract that would reinstate Ku-band-based connectivity services on the carrier's overseas flights.

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Online news, views,
careers and features

TriaGnoSys launches 'world's most efficient' satellite communications compression software

TriaGnoSys has launched VoCeM, which the company says is the world's most efficient satellite communications compression software. Currently, voice over IP (VoIP) calls use up to 96Kbps, and GSM uses up to 30Kbps. Using VoCeM, each call will use 6Kbps – reducing satellite costs and increasing the number of simultaneous calls each satellite link can handle. TriaGnoSys says that by using the VoCeM compressor, Inmarsat or Ku-band payload usage can be increased by a factor of between five and 10. The VoCeM software has been designed for installation on existing GSM, 3G/UMTS and VoIP communications servers, so no hardware upgrades are involved.

“What we can do with VoCeM is cut call costs and increase the number of simultaneous calls available. And all it takes is a simple software upgrade. It is not magic – it is the application of state-of-the-art transcoding and compression techniques combined with innovative kilobit transmission technology,” said Axel Jahn, managing director of TriaGnoSys. “The promise of onboard and remote communications services has always been that the experience will be the same as standard terrestrial services. The technology to make that happen has been available for some time, but at a cost. The introduction of VoCeM, bringing down call costs, means the promise is now reality.”

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IFExpress

Your Inflight Entertainment & Connectivity Portal

The World's Cheapest Satellite Calls

TriaGnoSys, the expert in satellite communications, has today launched VoCeM, the world's most efficient satellite communications compression software. Currently, voice over IP (VoIP) calls use up to 96 kbit/s, GSM use up to 30 kbit/s; using VoCeM, each call will only use 6 kbit/s. Satellite costs are therefore reduced significantly, meaning call costs for the end user can be much lower.

Not only does VoCeM reduce the kbit rate for calls, but it also increases the number of simultaneous calls each satellite link can handle. Using the VoCeM compressor, Inmarsat or Ku-band payload usage can be increased by a factor of between 5 and 10.

The VoCeM software has been designed to be installed on existing GSM, 3G/UMTS and VoIP communications servers, so no hardware upgrades are involved. In addition, the considerable cost savings mean VoCeM provides a quick return on investment.

VoCeM can be used for all forms of remote communications systems, including passenger and crew GSM and VoIP services on cargo and cruise ships, aircraft, and remote terrestrial sites, such as oil fields and mines.

Axel Jahn, Managing Director of TriaGnoSys, said, "Any one already providing either GSM or VoIP services on ships, planes or in remote areas on land knows how important those services are. What we can do with VoCeM is cut call costs and increase the number of simultaneous calls available. And all it takes is a simple software upgrade. It is not magic – it is the application of state of the art transcoding and compression techniques combined with innovative kilobit transmission technology."

Jahn continued, "The promise of onboard and remote communications services has always been that the experience will be the same as standard terrestrial services. The technology to make that happen has been available for some time, but at a cost. The introduction of VoCeM, bringing down call costs, means the promise is now reality."

Publication: Satnews Daily

Date: 2 June 2009

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Satnews Daily

VoCeM — Go See 'Em More for Less

Bottom line good reports from TriaGnoSys, a satellite communications company, launched VoCeM, the world's most efficient satellite communications compression software. Currently, voice over IP (VoIP) calls use up to 96 kbit/s, GSM use up to 30 kbit/s; using VoCeM, each call will only use 6 kbit/s. Satellite costs are therefore reduced significantly, meaning call costs for the end user can be much lower.

VoCeM reduces the kbit rate for calls, and increases the number of simultaneous calls each satellite link can handle. Using the VoCeM compressor, Inmarsat or Ku-band payload usage can be increased by a factor of between 5 and 10.

The VoCeM software has been designed to be installed on existing GSM, 3G/UMTS and VoIP communications servers, so no hardware upgrades are involved. In addition, the considerable cost savings mean VoCeM provides a quick return on investment.

VoCeM can be used for all forms of remote communications systems, including passenger and crew GSM and VoIP services on cargo and cruise ships, aircraft, and remote terrestrial sites, such as oil fields and mines.

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New compression software from TriaGnoSys enables cheaper calls

TriaGnoSys has launched VoCeM, which it claims is the world's most efficient satellite communications compression software. Currently, voice over IP (VoIP) calls use up to 96 kbit/s, GSM use up to 30 kbit/s; using VoCeM, each call will only use 6 kbit/s. Satellite costs will therefore be reduced significantly, meaning call costs for the end user can be much lower. Not only does VoCeM reduce the kbit rate for calls, it also increases the number of simultaneous calls each satellite link can handle. Using the VoCeM compressor, Inmarsat or Ku-band payload usage can be increased by a factor of between 5 and 10.

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VoCeM can be used for all forms of remote communications systems, including passenger and crew GSM and VoIP services on cargo and cruise ships, aircraft, and remote terrestrial sites, such as oil fields and mines.

Axel Jahn, managing director of TriaGnoSys, explained. "Any one already providing either GSM or VoIP services on ships, aeroplanes or in remote areas on land knows how important those services are. What we can do with VoCeM is cut call costs and increase the number of simultaneous calls available. And all it takes is a simple software upgrade," he noted. "It is not magic – it is the application of state-of-the-art transcoding and compression techniques combined with innovative kilobit transmission technology.

"The promise of onboard and remote communications services has always been that the experience will be the same as standard terrestrial services. The technology to make that happen has been available for some time, but at a cost. The introduction of VoCeM, bringing down call costs, means the promise is now reality," Jahn added.

Publication: Digital Ship
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Digital Ship

Satellite VoIP and GSM compression system launched

TriaGnoSys has launched a new satellite communications compression software system called VoCeM, which can reduce voice over IP or GSM voice traffic to 6 kbps per call.

The company says that the VoCEM system can also increase the number of simultaneous calls a satellite link can handle, claiming that the payload usage of an Inmarsat or Ku-band connection can be increased by a factor of between 5 and 10.

"Any one already providing either GSM or VoIP services on ships, planes or in remote areas on land knows how important those services are," said Axel Jahn, managing director of TriaGnoSys.

"What we can do with VoCeM is cut call costs and increase the number of simultaneous calls available. And all it takes is a simple software upgrade."

"It is not magic – it is the application of state of the art transcoding and compression techniques combined with innovative kilobit transmission technology."

The VoCeM software has been designed to be installed on existing GSM, 3G/UMTS and VoIP communications servers, so no hardware upgrades are involved.

Publication: WAEA
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World Airline
Entertainment
Association



TriaGnoSys Launches Software for Cheaper Inflight Calls

TriaGnoSys on 1 June launched VoCeM, satellite communications compression software that uses only six kb /s for an inflight voice over Internet Protocol (VoIP) or GSM cell-phone call. Currently, VoIP calls use up to 96 kb/s and GSM calls use up to 30 kb/s.

VoCeM also increases the number of simultaneous calls each satellite link can handle, increasing Inmarsat or Ku-band passenger and crew payload usage by a factor of between five and 10, according to TriaGnoSys.

The VoCeM software can be installed on existing GSM, VoIP, and 3G/UMTS (Universal Mobile Telecommunications Systems) communications servers with no hardware upgrades required.

TriaGnoSys Managing Director Axel Jahn explained the solution "is the application of state of the art transcoding and compression techniques combined with innovative kilobit transmission technology."

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