

East Meets West: New VoIP Operator Signs For WTL's SoIP Gateway

Background

Dialost is a fast growing VoIP operator with offices in Amsterdam, Berlin and Moscow. The company specialises in collecting and terminating VoIP and TDM traffic between European and former Soviet Union countries. In the past this has been done with an infrastructure based on a Mera SoftSwitch and Cisco. To continue their growth Dialost needed carrier-class media and signalling gateways to allow SS7 connection to the TDM world.

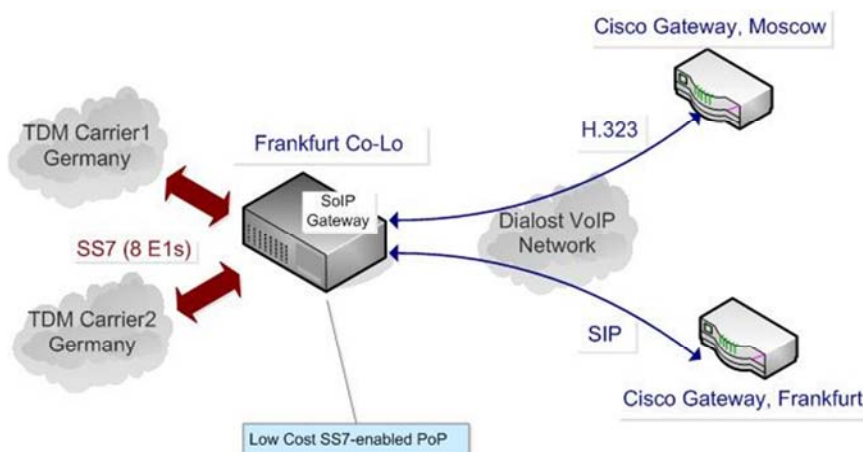
WTL Solution

After an extensive selection process Dialost chose a WTL solution based on the SoIP Gateway. This SS7 to IP gateway is scalable from 1 to 32 E1s with matching numbers of VoIP calls. The initial system offered Dialost 8 E1s with SS7 signalling links to 2 carriers. The product's small footprint was also important as it had to be placed in rented rack space in a commercial co-location facility. Dialost Managing Director Andrei Arkhipov explained the choice of WTL, "Our requirement was pretty clear. We were actually looking for small (8 E1s) SS7-H.323 gateways for a reasonable price and that is where WTL matches very well. All other solutions we saw were either very expensive (for example, Cisco and Avaya) or did not have direct SS7-H.323 conversion (like Veraz using SIGTRAN)". He also noted some of the 'extra' features offered by the SoIP Gateway, "Support for both H323 and SIP on the same unit with even switching between them will be useful for the future. I also like the fact that there is some very flexible switching and routing in the product. My traffic can come in from any carrier, IP or TDM and be routed out to any other carrier. That is not something you find in the average gateway".

The installation took place in Frankfurt with physical E1 connections to 2 carriers there. On the IP side 2 virtual trunks were created for traffic from Dialost's Cisco infrastructure in Russia and locally in Germany. "We had some problems with the IP traffic at the beginning but the WTL guys sorted it out online with my engineers at our NOC in Moscow."

SoIP Gateway Initial Installation

Business Development Director Simon Pearson commented, "The deal with Dialost was concluded very quickly. They knew precisely what they wanted and our SoIP product fitted the requirement exactly. The fact that a second SoIP gateway has been ordered within 8 weeks of the installation of the first one shows how well the product has worked in the Dialost network".



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Changing the Way the World Communicates

SolP Gateway

WTL's SolP offers an easy to use, cost effective way of connecting VoIP based traffic to SS7 networks.

- 1 to 16 Signalling Link Pairs
- 1 to 32 E1 trunks
- SIP and H323
- 30 to 960 VoIP calls
- MTP Layer: ITU Q704, ISUP Layer: ETSI

The product is based on the field proven WTL signalling software installed on more than 100 operators and includes support for many country / carrier variants.

Applications include:

- Creating small SS7 PoPs
- Linking legacy networks to VoIP carriers
- SS7 tunnelling through a VoIP network
- Central signalling with distributed trunks
- Extend life of existing Class 4/5 switches
- Collecting VoBB subscribers' traffic
- Connecting Next-Gen Application Servers to TDM networks



Future

Dialost have already ordered a second SolP Gateway for their Amsterdam node and it is planned that other PoPs will follow.

About Dialost

Dialost currently has interconnection agreements with almost 50 VoIP and telephone companies located across the world - in Russia, Ukraine, Kazakhstan and Moldova, United States, Germany, Benelux and Scandinavia. Dialost is a wholesale VoIP service provider, offering the full range of call destinations with the best price-performance ratio.

All services are competitive in price and targeted at high-volume buyers, mostly other telecom and/or VoIP operators.

To guarantee constant growth in traffic volume Dialost invests in expanding its network both in geography and capacity. With current hardware and facilities, the company can handle up to 10 000 simultaneous calls and up to 1,000,000 call minutes per day

The company is constantly looking for new partnerships to increase its service quality.

For more information about Dialost and its products please visit www.dialost.com or email sales@dialost.com

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About WTL

World Telecom Labs is a Belgium-based company which has long been a leader in the provision of VoIP switches, Pre-Paid applications and signaling gateways for emerging carriers and telecom service operators. WTL has an installed base of 100,000s of voice ports with service providers worldwide switching billions of minutes of VoIP traffic using WTL equipment. For more information about WTL and its products, please visit www.wtl.dk or email sales@wtl.dk