

Surf Communication Solutions

Surf Communication Solutions, based in Israel, is an industry leader in high-capacity multimedia processing solutions. Customers can significantly reduce costs and time-to-market while supporting market demands for true convergence of all media types: video, voice and data over all networks: IP, mobile, wireline, and wireless – all processed simultaneously on a single TI C64xx DSP (Ind Temp Range) or a single board.

Integration with the SURF solution is simple. Customers just plug the board into their server and use our comprehensive tools and multiple APIs to streamline the development cycle. The SURF solution is delivered on various form factors – PCI, PCIe, AMC, and PTMC – as well as OEM (licensed) solutions allowing customers to readily integrate with their preferred platforms such as ATCA, μ TCA and cPCI.

Committed to driving cutting edge mobile applications and mobile value added services (MVAS), SURF offers the OnSURF and TranSURF Mobile Video Delivery Platforms affording video transcoding, transrating, enhancement, optimization and monetization.

SURF's media processing software – SURFWare™ - enables proprietary applications to be embedded directly into the DSP framework. Multiple drivers and a variety of interfaces facilitate integration while built-in diagnostics provide easier troubleshooting and better application control.

Hardware

SURFAce-812™

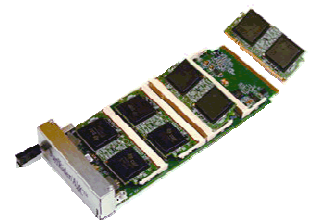
A comprehensive media processing solution offering ultra-high capacity on a single PCI Express card with onboard PTMC with 8 x TI C6412 DSPs including:

- TDM – 8 x T1, E1, J1
- LAN – 100/1000-Base T
- Signaling – ISDN, SSZ, LTE, PRI
- Voice – Narrow and wideband wireline and wireless codecs, WMA, AAC
 - Conference, playing and recording
- Video – Transcoding, conferencing, mobile



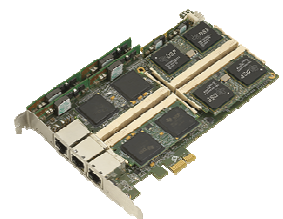
SURFRider/AMC™

- AMC mezzanine board, supporting video/audio/voice/data codecs and modem for high end Telco-Grade applications offering modular design with SURFDocker™
- Pre-integrated with major ATCA/MicroTCA systems
- Fully support the iTDM standard



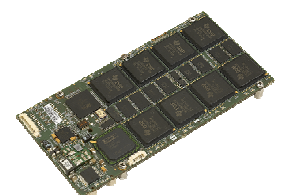
SURFExpress™

- PCI Express board, supporting video/audio/voice/data codecs and modem for high end CTI applications offering modular design with SURFDocker™
- Support H.110 TDM interface for E1/T1 expansion cards and 1 PCI Express lane



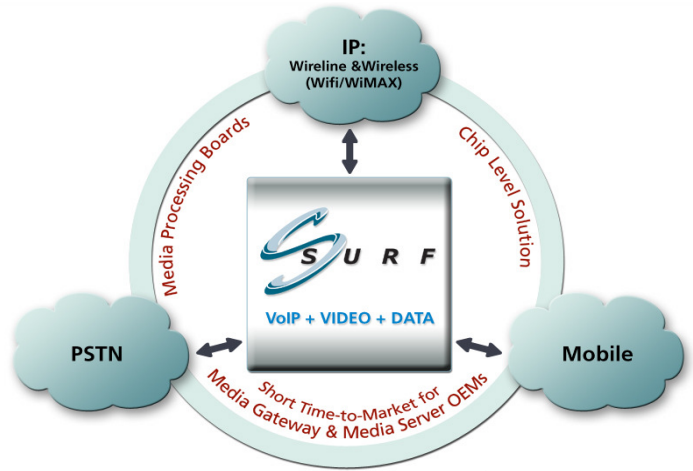
SURFRider-812/PTMC™

- PTMC mezzanine board, supporting video/audio/voice/data codecs and modem for high end telco-grade applications such as media gateways, media servers, IMS
- Pre-integrated with major ATCA/cPCI systems



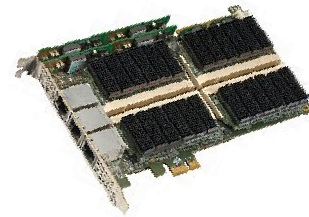
Surf DSP-xx™

- Surf software package integrated on TI C64x™ DSPs supporting video/audio/voice/data codecs and modem for high-end Telco-Grade applications such as Media Gateways, Media Servers, IMS, PBXs



TranSURF™

- Video encoder, enabling conversion of any video to any video - web, mobile, TV, file or stream.
- Based on DSP technology TranSURF demonstrates the highest market capacity & density and the most attractive price-per-stream.



OnSURF™

- Multi-function video transcoder and streamer. It delivers video to mobile, web and TV screens, while ensuring the highest QoE, and enabling video enrichment.
- Highest market capacity & density and the most attractive price-per-session, combined with the broadest functionality.
- 1U server delivers up to 600 concurrent trans-coded sessions (200 x H264 sessions)



**Broadband Technology 2000 Ltd
Product Areas**

<p>EMBEDDED ICs</p> <ul style="list-style-type: none"> • VoIP & Video DSPs • ADCs & DACs • Ethernet NPU & NPA • Mixed Signal ICs 	<p style="text-align: center;">Your Solution Provider</p>	<p>POWER MANAGEMENT</p> <ul style="list-style-type: none"> • Battery Charge ICs • Hot Swap Controllers • Power Supply Sequencers • Super capacitors
<p>SENSOR ICs</p> <ul style="list-style-type: none"> • Accelerometers • Gyroscopes • Magnetic Sensors <p>RF & MICROWAVE</p> <ul style="list-style-type: none"> • Attenuators • Power AMPS • Antennas, • GPS Modules 		



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