



## Why SurfUP?

SurfUP™ is a media processing solution offering simultaneous support for Voice, Video, Fax, and Modem conversions. Equipment manufacturers who want to add these capabilities into their products use SurfUP for quick and easy integration with their hardware designs. SurfUP is the most advanced Universal Port solution in the market today and offers these unparalleled advantages to its users:

### True Universal Port

SurfUP provides full support of Voice, Video, Fax, and Modem on the same DSP. SurfUP offers the most comprehensive and advanced collection of protocols in the market today, enabling customers to offer the latest technology, while shortening time-to-market.

### Unique Features—Built-in Support for Video and N-way Conferencing

In addition to the full set of Voice, Fax and Modem protocols, SurfUP includes N-way conferencing and Video capabilities that make it the obvious choice for solutions such as Conferencing Bridge, Media Gateways and CTI applications.

### Customizability—SurfUP Open Framework

In addition to the broad list of protocols already included in SurfUP, customers can easily integrate their own technology into the solution. The result is a product that is comprised of the equipment manufacturer's important in-house developed technology and Surf's field-hardened protocols.

### Unprecedented Density

SurfUP, running on Texas Instruments™ (TI) C6412 600MHz DSP offers support for 32 truly universal ports or 84 uncompressed Voice ports on a single DSP: E1 support on a single chip. Running on other DSPs in the C64xx™, SurfUP offers a series of compelling densities.

### Attractive Price-per-Port

SurfUP offers a very competitive price-per-port. The flexibility of the SurfUP technology, coupled with a modular pricing scheme, enables customers to pay for the technology they need today while maintaining a capability for future upgrades.

### The Latest in DSP Technology

The C64xx family is TI's leading line of DSPs for next-generation applications. The C64xx offers high performance, a powerful and diverse set of peripherals and efficient management of large external memory that is particularly important for Video and CTI applications.

### Voice Codecs and Indemnification by TI

SurfUP offers Voice Codecs and Echo Cancellation that were developed by TI. These are covered by TI's strong and broad indemnification umbrella.

### Built-in Diagnostics

SurfUP includes built-in real-time remote diagnostics capabilities for easy field deployment and support.

### Sustainable Design

SurfUP can be run on all DSPs in the C64 family, enabling customers to use the same software for several, diverse-scale solutions. The attractive C64xx roadmap guarantees design continuity for the coming years.

For more information, please contact Surf Communication Solutions® at [www.surf-com.com](http://www.surf-com.com).