CAMPUS LOOP

TELEPORT

LONG DISTANCE CARRIER

TV STUDIO

CLEC

BROADBAND TELECOMMUNICATIONS BACKBONE

CORPORATE LOOP

RBOC

CATV HEADEND

HUB SITE

OPTICAL NODE

OPTICAL NODE

IPITEK

NEWSLETTER

NEW FEATURES ADDED TO THE MSP-220T

IPITEK's MSP-220T, already the most versatile Media Services platform for customer premises attachment, has gained more base model features plus new plug-in options.

- Two-way triple service platform.
- SDI jitter reduction.
- TV-1 service flexibility.
- Enhanced Red/Blue screen fault diagnostics.
- Pluggable SFP transceivers
- SONET/SDH Span and Path statistics.
- Optical parameter measurements.
- SNMP and Web remote inband management.

This platform is optimized for bi-directional media services as there is none like it in the marketplace. Multiplexing analog video and audio along with any form of 270 Mb/s digital video, adding 100BASE-T Ethernet and doing all this bi-directionally has set this product into its own league. The OC-12c/STM-4c framed optical link is now monitored for optical parameters and SONET/ SDH performance statistics in order to give carrier-

class monitored Media services. Near and far-end monitoring is now supported from a single IP address using in-band SONET/SDH overhead over the link.

The 12-bit PCM analog to digital conversion also includes the ability to diplex audio sub-carriers above the video as TV-1 GR 338 normal or diplexed operation. Setting modes for each end as well as disabling ports and services not being offered is as simple as "surfing the INTERNET" with any Pc's Ethernet connected Web Browser.

SDI Jitter has been also reduced such that the decoder can cancel jitter induced beyond the far end encoder.

Analog video Red screen can show the user of a fiber cut, while blue screen would indicate that the far end input was removed. These color signals are now precise enough to pass thru third-party video chains.

All link related errors are now stored into TELCO-style 15 minute and 24 hour PM statistics counters which can also be monitored for user settable alert thresholds. Now you can pro-actively know if or when link errors are occurring or have occurred in recent history.

This platforms concept has been to operate with one model that can do all applications, thus simplifying sparing and allowing for adding additional services later without a hardware swap-out. Simply change out-the optics plug-ins to meet varying fiber distances or add CWDM muxing.

Contact us if would like more details on how MSP-220 products can improve your quality of service offerings to your in-house and external customers.