

# AMPTRAC™ Ready!

Prepare Your IT infrastructure for the future...  
... without an additional investment!



Today's corporate communication infrastructures are continuously becoming more and more complex. It is true for classical Office Networks, but especially also in case of Data Centers where the density is even higher. This means that Network Management needs to provide additional features with regard to more accurate and reliable information in order to reduce downtimes to a minimum and optimise asset management to a maximum. Those higher level requirements can only be realised if the physical layer (layer 1) of the network is included into the overall management. That means that the today's gap between logical layer management and physical layer management have to be closed and both information bases have to be integrated into one Intelligent Infrastructure Management System (IIMS). But this is only possible, if it is supported by a corresponding cabling infrastructure.

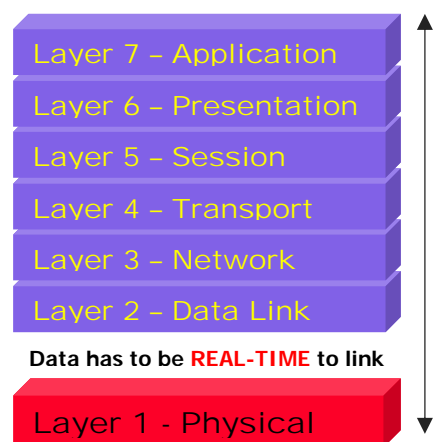
Intelligent Infrastructure Management Systems are supporting international guidelines, regulations and standards like **ITIL** (IT Infrastructure Library), **ISO/IEC 20000** and **EN 50174**. IIMS becomes an important basis for successful implementation of IT Service Management according to ITIL best practices. For this reason, companies and public organisations should at least today prepare their infrastructure to come up with all these requirements. Somewhere in the near future you will need it anyway.

## AMPTRAC™

### Intelligent Infrastructure Management System (IIMS)

The AMP NETCONNECT AMPTRAC IIMS provides the solution! As already mentioned above classical network management integrates the logical layers only, but the physical layer is not supported. The AMPTRAC Cabling Hardware in combination with the AMPTRAC/iTRACS IM (Infrastructure Manager) Software is closing this gap, by means of a real-time updated data base.

So with AMPTRAC you get the real information about your network. And you can rely on it, because it is based on a fully automated process.



# AMPTRAC™

## How does it work?

The illustration shows the basic principle of the AMPTRAC hardware supporting the Intelligent Infrastructure Management.

The AMPTRAC Panel is equipped with an additional contact at each port which enables physical connection tracking via an integrated pin at the patchcord. An AMPTRAC Analyser collects in real-time all information from the AMPTRAC Panels and transfers it to the management data base (CMDB) via the existing TCP/IP Network.



Finally the AMPTRAC/iTRACS Infrastructure Management (IM) Software also can integrate other existing network management data base information into one and is closing the gap between logical and physical management. In addition, the IM Software is a complete change management tool what guarantees an always updated and reliable documentation of your IT infrastructure and assets.

# AMPTRAC™

*Ready!*

**You don't need to invest all today...  
... but you have to be prepared for the future!**

We are aware that budgets for investments into communication infrastructures are restricted and have to be oriented to actual economical situation of a company or organisation. With an AMPTRAC *Ready* solution, AMP NETCONNECT provides you a migration path respecting your restricted budget today, but also to keep all your options open for the future.



With AMPTRAC *Ready* you don't need to invest into additional Software; you also do not need to invest into AMPTRAC Analysers and other specific hardware. You can upgrade in the future, when your infrastructure will require that. **The main difference what makes You ready are the Patch Panels.**

# AMPTRAC™

## *Ready!*

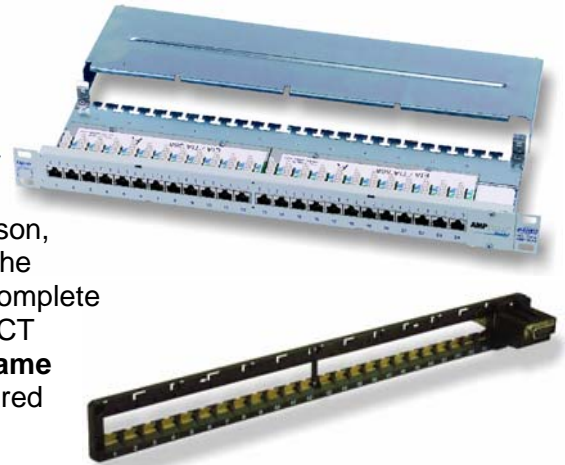
### The Patch Panel makes the difference!

AMP NETCONNECT offers a range of Patch Panels, which prepares your IT infrastructure for a later easy upgrade to a full AMPTRAC IIMS System. Each kind of performance level and cabling system is supported, no matter if Category 5E, Category 6/6<sub>A</sub> or Category 7/7<sub>A</sub> and no matter if UTP, STP or Fiber Optic solutions are required.

AMP NETCONNECT provides you two options:

- **AMPTRAC *Ready* Panels**

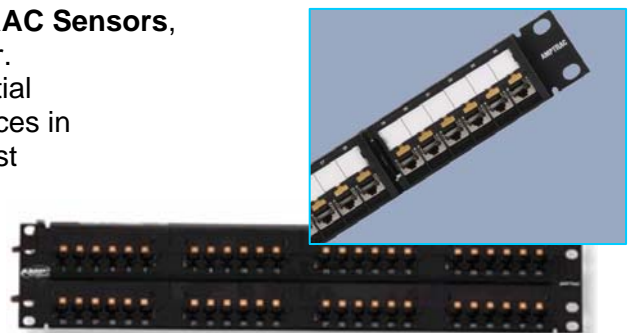
This range of Panels are in their basic construction like any classical Patch Panel, but provide for a later upgrade the possibility to add a Sensor Module to the front. For this reason, the initial cost of an AMPTRAC Ready Panel is absolutely the same as for a classical panel. But this means also, that a complete AMPTRAC Ready Cabling System from AMP NETCONNECT will not require any additional budget. **The costs are the same than for a traditional cabling system** – but you are prepared for the future.



- **Full AMPTRAC Panels**

Full AMPTRAC Panels already **include the AMPTRAC Sensors**, what makes a future upgrade even easier and faster. This already integrated feature adds some minor initial costs to the cabling system. Nevertheless, experiences in Structured Cabling Projects are showing that the cost difference makes less than 3%.

*(Component costs only – if considered Installation Costs as well, the difference is even smaller!)*



# AMPTRAC™ & AMPTRAC™ Ready!

## Patch Panels

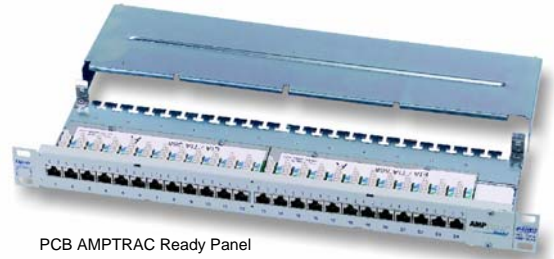
A wide choice for any kind of applications!

AMP NETCONNECT provides a wide range of high quality AMPTRAC Ready and AMPTRAC Panels for any kind of solution or requirement.

### AMPTRAC Ready Patch Panels:



Modular AMPTRAC Ready Panel



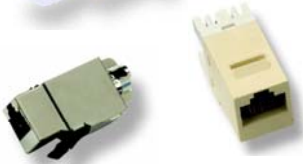
PCB AMPTRAC Ready Panel

Part Number	Description
1711278-2	24 Port Modular AMPTRAC Ready Panel, unloaded, black, with rear cable management (accepts any kind of SL Style Jacks*)
1644042-2	24 Port Shielded Category 6A AMPTRAC Ready PCB Panel, black, with rear cable management
1711147-2	24 Port UTP Category 6 AMPTRAC Ready PCB Panel, black, with rear cable management
1394060-2	50 Port Cat.3 Telephone Panel, AMPTRAC Ready black, with rear cable management

(other colours available upon request)



AMP-TWIST 6S Jack



SL Jack STP/UTP



LC Duplex SL Adapter



MT-RJ SL Jack

### \*SL Style Jacks

Part Number	Description
0-1711342-1	AMP-TWIST 6S SL Modular Jack, Cat.6 Shielded
0-1711189-1	SL Modular Jack, Cat.5E Shielded
0-1375055-2	SL Modular Jack, Category 6 UTP
0-1375191-2	SL Modular Jack, Category 5E UTP
1-1933284-2	LC Duplex SL Adapter, Multimode OM2
0-1933284-6	LC Duplex SL Adapter, Multimode OM3
0-1933286-4	LC Duplex SL Adapter, Singlemode
0-6278414-1	MT-RJ SL Jack, Multimode OM2 (50/125μ)
1-6278414-2	MT-RJ SL Jack, Multimode OM3 XG (50/125μ)
0-6348942-1	MT-RJ Jack Pigtail, Multimode OM2 (50/125)
0-6536556-1	MT-RJ Jack Pigtail, Multimode OM3 XG (50/125)
0-6391366-1	MT-RJ Jack Pigtail, Singlemode

Note: MT-RJ Jack Pigtails need separate SL Housing PN 0-1374416-2

For termination of the above Twisted Pair and Fiber SL Jacks, AMP NETCONNECT provides the unique **SL Tool** and **LightCrimp Plus** Technologies, what guarantees fast, reliable and highest quality installations. For more details, demonstration or training, please contact your next AMP NETCONNECT sales office.

## AMPTRAC Patch Panels:

Part Number	Description
<b>Modular Panels, unloaded for all types of SL Jacks:</b>	
0-1711278-1	24 Port Modular AMPTRAC Panel, unloaded, black, with rear cable management (accepts any kind of SL Style Jacks*)
0-1933323-1	24 Port Modular AMPTRAC Panel, unloaded, black, without rear cable management (accepts any kind of SL Style Jacks*)
1-1671136-0	24 Port Modular <b>Hi-D</b> AMPTRAC Panel, unloaded, black, with rear cable management (accepts any kind of SL Style Jacks*)
<b>Shielded Category 6 AMPTRAC Panels:</b>	
0-1644042-1	24 Port Shielded Category 6 <sub>A</sub> AMPTRAC PCB Panel, black, with rear cable management
0-1933331-1	24 Port Shielded Category 6 <sub>A</sub> AMPTRAC, black, without rear cable management (includes 24 AMP-TWIST-6S Jacks)
1-1671136-2	24 Port Shielded <b>Hi-D</b> AMPTRAC Panel, black, with rear cable management (includes 24 AMP-TWIST-6S Jacks)
<b>UTP Category 6 AMPTRAC Panels:</b>	
0-1711147-1	24 Port UTP Category 6 PCB AMPTRAC Panel, black, with rear cable management
0-1933327-1	24 Port UTP Category 6 AMPTRAC, black, without rear cable management (includes 24 UTP SL Category 6 Jacks)
1-1671136-1	24 Port UTP <b>Hi-D</b> AMPTRAC Panel, black, with rear cable management (includes 24 UTP SL Category 6 Jacks)
<b>MRJ21 AMPTRAC Panels:</b>	
0-1777029-2	24 Port 1000Base-T 1U MRJ21 Panel, black
0-1777041-1	48 Port 1000Base-T 1U MRJ21 Panel, black
<b>LC &amp; MT-RJ AMPTRAC Fiber Panels:</b>	
0-1671149-4	AMPTRAC Fiber Media Panel, unloaded, for up to 24 SL Fiber Connectors (LC Duplex or MT-RJ)
0-1671149-3	AMPTRAC Fiber Media Panel, loaded with 24 LC Duplex OM3 SL Adapters
1-1671169-1	AMPTRAC <b>Hi-D</b> Fiber Media Panel, unloaded, for up to 24 SL Fiber Connectors (LC Duplex or MT-RJ)
<b>SC AMPTRAC Fiber Panels:</b>	
0-1671082-8	Drawer Panel for up to 3 Adapter Plates, unloaded
0-1435657-1	AMPTRAC SC Adapter Plate, 3x SC Duplex, Multimode
0-1435657-2	AMPTRAC SC Adapter Plate, 3x SC Duplex, Singlemode



Modular AMPTRAC Panel, without rear cable management



Hi-D Modular AMPTRAC Panel



PCB AMPTRAC Panel including Sensor Module



48 Port MRJ21 AMPTRAC Panel



AMPTRAC Fiber Media Panel



Drawer Panel for Adapter Plates



AMPTRAC Hi-D Fiber Media Panel

## AMP NETCONNECT provides you the warranty for the complete system !

No matter if it is a Class D, Class E/E<sub>A</sub> or F/F<sub>A</sub> System, no matter if it is Shielded, UTP or Fiber Optic, AMP NETCONNECT provides you a **full 25 Year Warranty** for all AMPTRAC as well as AMPTRAC *Ready* Structured Cabling Systems!

You will have the full protection of all your investments!

It is worthwhile to invest into guaranteed Quality and Performance!



## AMP NETCONNECT Regional Headquarters:

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