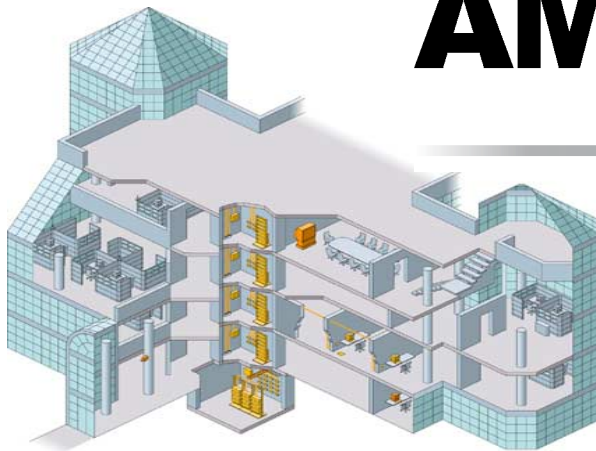


AMPTRAC™

Ready!



**Be ready for the future....
....with only a small additional investment !**

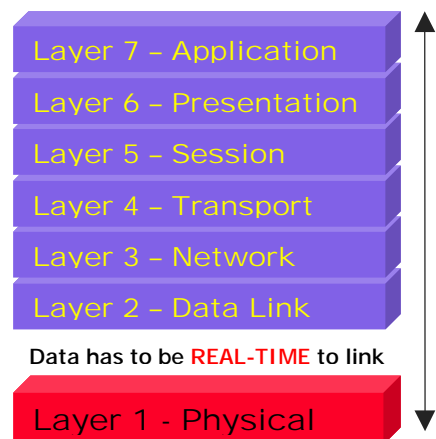
Today's corporate communication infrastructures are continuously becoming more and more complex. But this means that Network Management needs to provide additional features with regard to more accurate and reliable information in order to reduce downtimes to a minimum and optimise asset management to 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.

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 iTRACS Management 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.

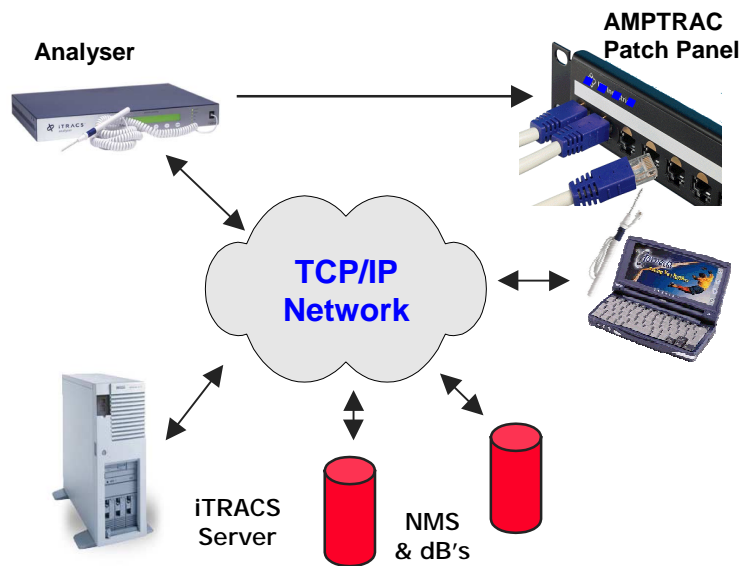


AMPTRAC™

How does it work ?

The illustration shows the basic principle of the AMPTRAC hardware supporting the Intelligent Infrastructure Management. The AMPTRAC Panel, which 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 iTRACS management data base (CMDB) via the existing TCP/IP Network. Finally the iTRACS Intelligent Infrastructure Management Software also can integrate other existing network management data base information into one and is closing the gap between logical and physical management.



AMPTRAC™

What are Your Benefits ?

AMPTRAC provides You the features & information base to make your infrastructure management as effective as never before! And this is based on information which is 100% reliable and error free, because it is automatically and real-time updated. And for that reason it returns your investment in short term! As a short overview, Your benefits are:

Increased Productivity & Efficiency

- Reduction in MAC time/Increased MAC capacity (MAC: Moves, Adds & Changes)
- Enhanced fault detection, isolation & rectification process
- Instant network audit, documentation & reporting capability

Enhanced Network Availability

- Reduced risk of unplanned down-time
- Automation & co-ordination of network maintenance process
- Decreased fault resolution times

Improved Asset Utilisation

- Identification of available or excess network capacity
- Real-time detection and location of asset status
- Historical log of asset usage & 'events'

Management & Control

- Data-centric management of remote locations
- Maintain 'end to end' network management control
- Ensure business continuity

Improved Network Security

- Real-time tracking of network assets
- Identification and tracking of unauthorised events
- Generation of alarms & alerts

Reduced Operational Costs

- Enhanced investment in existing network management tools
- Infrastructure operational cost reductions of approx. 20%
- Typical Return On Investment in the region of 2 years

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 conditions 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 only difference what makes You ready are the AMPTRAC Patch Panels. And this is a difference which requires only very small additional investment! Experiences in Structured Cabling Projects are showing that the cost difference between a classical cabling solution and an AMPTRAC Ready System are less than 3% *(Component costs only – if considered Installation Costs as well, the difference is even smaller!)*

**The difference is the
AMPTRAC Patch Panel only!**



Just by the integration of an AMPTRAC Patch Panel instead of a classical Patch Panel, you are ready for a future upgrade to a full AMPTRAC functionality! The following table shows a cross reference between the classical AMP NETCONNECT Panels and the corresponding required AMPTRAC Panels.

Panel Type	Classical Panel Part No.	AMPTRAC Panel Part No.
UTP, Cat.5E, 24 Port	0-0406330-1	0-1435367-1
UTP, Cat.5E, 48 Port	0-0406331-1	0-1435368-1
UTP, Category 6, 24 Port	0-1375014-1	0-1435326-1
UTP, Category 6, 48 Port	0-1375015-1	0-1435327-1
UTP, Category 6, 24 Port <small>(with integrated rear cable management)</small>	0-0336663-2	0-1711147-1
Shielded (STP), Cat.6, 24 Port <small>(with integrated rear cable management)</small>	0-0336560-2	0-1644042-1
Fiber Optic, 24 Port MTRJ	0-1206704-4	0-1435329-1

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

No matter if it is an Enhanced Category 5 or Category 6 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!