



## AnyLynx™ – Data communication anytime and anywhere!

Mobility and permanent data access are the characteristics of our time, disregarding location, time and type of communication. No matter if at home, in the office, on the road or even on vacation – the modern user expects to have access to his standard applications: anytime and anywhere!

To meet these requirements you need to have a professional communication platform. A solution which is able to satisfy all security requirements. A solution which always chooses the best available network connection and switches between the various technologies without disconnections. And of course it should be managed with a highly sophisticated tool.

If all standards and services will be met, you may rely on a professional extension of your existing network. The users will have access to their standard applications and IT administrators may resort to existing knowledge and established processes.

## **AnyLynx™ – unlimited network access**

With our AnyLynx product family, this concept has been effectively realised. AnyLynx is based on the Cisco 3200 Mobile Access Router (MAR), which provides a high performance data communication. Thanks to the rugged design, which resists temperature extremes and vibrations, AnyLynx can be used either for mobile or fixed outdoor installations. Long-term endurance tests demonstrated the ruggedness and maintenance-free durability of AnyLynx.

With AnyLynx you can easily and safely expand your IT-network and integrate distant locations or mobile devices in the local corporate network.

## **Industry standards and enhanced features**

### **Cisco IOS™**

AnyLynx uses Cisco IOS technology which ensures seamless integration in existing Cisco environments. With AnyLynx the standard corporate network is available at exterior locations including the broad variety of Cisco's security and network services features.

### **Security**

The IOS technology integrates many security standards. They offer security not only in network protocol section but also provide features like "Stateful Inspection Firewall" or "Zone based Firewall". The existing security concept can as well be implemented at exterior locations.

### **Network Technologies**

AnyLynx enables IP solutions via different technologies, e.g. Ethernet, WLAN and ADSL. Thus, any modern IP-based application may be integrated without any additional effort.

This allows the use of standard applications and IP equipment, e.g. PC, camera, printer, barcode-reader or credit card-reader.

### **IP Routing**

Cisco IOS software enables Advanced Routing Concepts. This offers for example the possibility to assign a primary and secondary (backup) communication connection, e.g. integration of ADSL and 3G mobile technology.

### **Mobile IP**

Seamless roaming between various technologies (WLAN, 3G, ADSL, satellite, etc.) is enabled by the integrated Mobile IP standard. With mobile IP an application will work without any interruption while AnyLynx is roaming between hotspots or 3G cells.

The Mobile IP Standard is defined in RFC 3344 and 3775. These RFC are supported by Cisco.

### **Wireless Communication**

The core communication standards are integrated in AnyLynx: Wireless LAN (WLAN) and 3G (HSPA, UMTS, EDGE, and GPRS). This guarantees fast, steady and unlimited data communication services.

### **Form factor PC/104**

Due to the PC/104 form factor a modular design and high ruggedness is possible. The modularity of the AnyLynx design allows customized products which can be adapted to individual customer requirements in an efficient and cost saving way.

### **GPS**

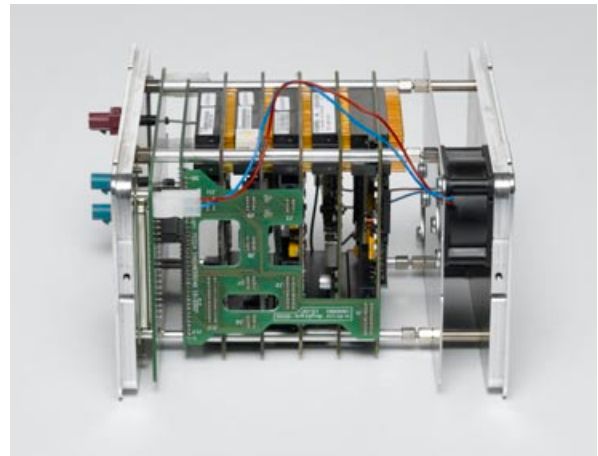
A dedicated GPS module enables the usage of GPS information concerning the existing network infrastructure. This information could be used in applications or for network surveillance.

### **General Purpose I/O**

AnyLynx is able to monitor and control external equipment due to the General Purpose Input/Output interface. Thus monitoring of external equipment is possible with the standard network. Another option is the control of door systems, heating, etc.

### **Management and Monitoring**

An important point in operating mobile or remote networks is the management of the equipment and applications. The perfect solution for this is AnyVizor4AnyLynx (A4A). The management is based on "Inbound SNMP" which is supported by each type of AnyLynx and allows the management of each device. Also SMS is used for "Out Band Management" in the 2/3G field. GPS informations may be used for the localization of the devices. Operating exterior equipment is easy with these integrated features.



### **Assembly**

AnyLynx is designed and constructed especially for mobile and outdoor usage. All components are designed for an extended temperature range (-25 to +60°C) and fulfil various additional requirements, e.g. from the military or transportation sector.

AnyLynx comes with active ventilation; so no additional arrangements for air condition are necessary.

The power supply in mobile and outdoor installations has strict requirements. To meet these requirements AnyLynx is build with components which have very low power consumption. In addition AnyLynx can operate with battery (9–24 Volts DC) or standard power supply (110–240 Volts AC).

Due to the hull the mounting and dismounting of AnyLynx is very simple. This also helps to facilitate maintenance.

### **Cisco Compatible**

The AnyLynx family was tested by Cisco Systems and has been certified as "Cisco compatible".

## The AnyLynx™ family



### **AnyLynx™ 5000 Series – compact and complete**

The main feature of the AnyLynx 5000 Series is the compact design. Due to the smart design of AnyLynx 5000 functionality can easily be expanded or limited. E.g. the number of WLAN Access Points or Bridges or the kind of fixed network ports (Ethernet, ADSL) can vary. This offers a solution which fits perfectly in existing conditions and which can easily be custom-tailored.

The deployments of the AnyLynx 5000 Series are as numerous as the requirements of mobile IT networks.

Possible applications for AnyLynx 5000 Series are mobile ticketing machines, gauging stations, surveillance systems, temporary WLAN Hotspots, information corners or other mobile installations.



### **AnyLynx™ 9000 – the network on the road**

The AnyLynx 9000 has been especially developed for the deployment in vehicles. All connectors links and the air ventilation are on the same side of the cube. The design of the rugged box offers a special protection for the plug-in connections. In a very compact body AnyLynx 9000 integrates Router, Switch, WLAN Access Point, WLAN Bridge, 3G Modem (1 or 2), GPS and GPIO.

Due to the numerous standard features the possible field of applications for AnyLynx 9000 is countless.

Typical deployment areas are police cars, ambulances, fire brigades, mobile command rooms or mobile office environments, such as mobile research units or gauging stations.