

**NETZING Emergency Services Center Portal <http://www.www-abrechnung.de>**



**The advantages of our system**

- High server availability (99.95%)
- Server connection to internet backbone in excess of 100 Mbit
- Flat-rate ISDN provides cost-effective access to the emergency services centre
- No personal information is stored in the emergency services centre
- Provides the invoicing office with a central download point for all emergency services centres
- Changes to essential patient data immediately creates new software for NETZING MC devices in the portal
- NETZING MC devices can be updated with downloads from the emergency services centre

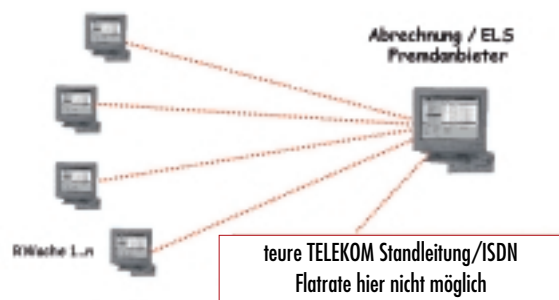


**Emergency services centre with**

- Internet-capable PC
- Docking station for handheld computers



**Andere Anbieter: Kostenintensive Systemlösung auf Basis Client-Server**



**The disadvantages of other systems on the market**

- Special software used on the emergency services centre PCs (Citrix-Client)
- The expense of a dedicated line e.g. ISDN (a flat rate can only be obtained by using the internet)
- In the event of a telephone service interruption, it is not possible to use any available PC to transfer data.
- The portal PC is not platform neutral
- Handheld computers can only be updated by using separate software
- The PCs in the emergency services centre are not easy to operate.

Contact: NETZING Solutions AG  
Kesselsdorfer Straße 216  
01169 Dresden, GERMANY  
Mailing address: Postfach 290165  
01147 Dresden, GERMANY

Telephone: +49 351-4 27 00 61/4 13 81-0  
Fax: +49 351-4 27 00 60  
E-mail: info@netzing.de  
Internet: www.netzing.net

Dealer:

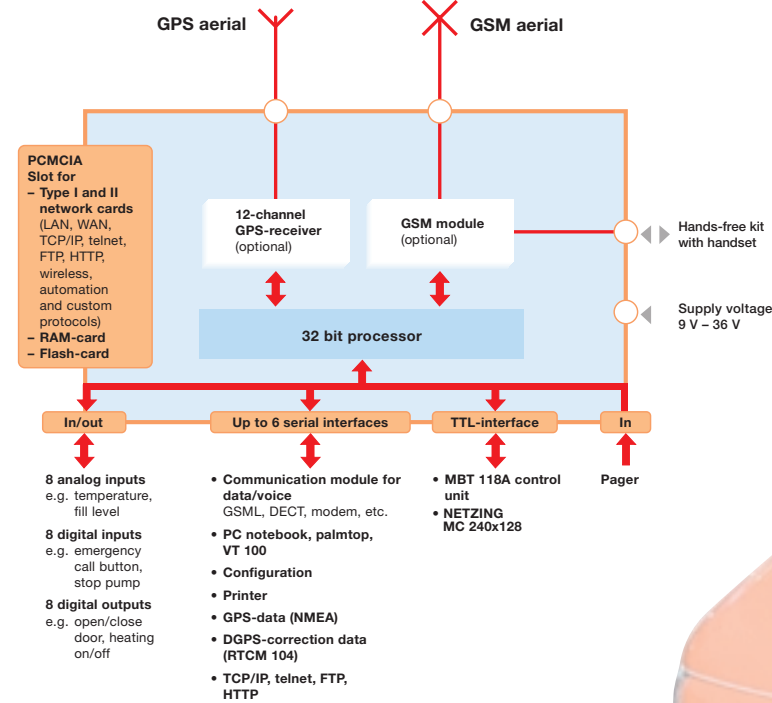
# Data terminals and navigation for mobile applications



## NETZING MC 090

- Basic device: small, convenient and robust
- System can be expanded with additional modules
- Integrated smart card reader for memory and processor cards
- Flash SSD can be used for additional data storage
- Patient information can be recorded using health insurance cards
- Essential patient data and incident data can be recorded
- Readout to a digital communication device (e.g. Patron Plus made by Swissphone)

## NETZING MCT system design



**Stammdaten**

Wache: 10  
 Leist.-Erbr.: DRK  
 Fahrzeug-Nr.: 10831  
 Amtl.-Kennz.: DD-C 1715  
 Verantwortlicher: 44444  
 Passwort: \*\*\*\*\*  
 Helfer: 22222

MDT © NETZING 2002 V.5.06c

**Berufsfeuerwehr Kassel**  
 Fahrzeug-Nr.: 10832  
 MC Kopplung aktiv  
 Verbindung mit PC  
 Einsätze: 1 06.11.2002 12:48:24

**Einsatz - Beginn**

Einsatz-Nr.: 1889999  
 Einsatzort: «Arztpraxis»  
 Datum: 06.11.2002  
 Uhrzeit: 14:27  
 km-Beginn: 1035  
 Notarzt: 11111

**Mdt**

Karte vorhanden?

Fehleins. Nein Ja  
 Esc Space Enter

**Martin Muster Bundesknappschaft**  
 1234567801 1 12/96  
 9905003

weiterer Patient  
 Zusätzliche Daten

**TESTFALL** 14:39:04

Musterstadt  
 Ortsteil  
 Alte Obere Teststrasse 357  
 X.Stock links hinten bei Familie Mustermann klingeln

Einsatznr.: 1234567 1/1

Name: Mustermann  
 Vorname: Martin  
 Datum/Zeit: 06.11.2002 12:38  
 Einsatzort: Wohnung

zurück Bearbeiten Abbruch vor  
 ENTER ESC

**TRANSPORTDATEN-ENDE**

Patient: Muster  
 Trs-Ursache:  Krankentr.  
 Zielort:  Verkehrsunf.  
 Betriebsunf.  
 Allg. Unfall  
 Infektion  
 Tr.-mittel:    
 km-Ende:   
 Übergabe an: «KH»

**Einsatz - Ende**

Patient: Mustermann, Martin  
 Trs-Ursache:  Chir.Notfall  
 Sonst.Notfall  
 Zielort:  Rindernotfall  
 Neurol.Notfall  
 Tarif:  Blut/Organ-TP  
 Übergabe an: «Arzt»

**Datenübertragung**

Patientdaten auf den PC übertragen?

Ja Nein Abbruch  
 Enter Space Esc

**Datenbackup wiederherstellen**

Aktuelle Einsatzdaten werden gelöscht! ... weiter?

Ja Nein Abbruch  
 Enter Space Esc

**TRANSPORTDATEN-ENDE**

Patient: Muster  
 Tr.-ursache:  Krankentr.  
 Zielort:  RTW  Bad Homburg  
 Uhrzeit: RTW  
 Tr.-mittel: RTW  
 km-Ende: NEF  
 Übergabe an: «KH»

**Einsatz - Ende**

Patient: Mustermann, Martin  
 Trs-Ursache:  Notaufnahme  
 Zielort:    
 Uhrzeit: 12:40  
 Tarif: «RT3»  
 km-Ende: 1035  
 Übergabe an: «Arzt»

**Dienstfahrt - Beginn**

Datum: 06.11.2002  
 Uhrzeit: 14:30  
 km-Beginn: 1035  
 Grund: Wartung

**Systemfile Versionsvergleich**

Install. Vers. vom: 28.09.2002  
 Aktuelle Vers. vom: 30.10.2002

Daten aktualisieren?

Ja Nein Abbruch  
 Enter Space Esc

# Mobile data recording and invoicing



## NETZING Web-Pad and Husky fx21

- With built-in smart card reader
- Optional: DECT, Bluetooth, camera, wireless LAN etc.
- Operating system: WinCE + Pocket Office Memory and processor cards
- Optional: DIVI<sup>1</sup> form software for emergency doctors and ambulance personnel

<sup>1</sup> DIVI = German Interdisciplinary Association for Emergency Medicine

- Details recorded in the field are transmitted to the command centre via GSM or FMS.
- At the emergency services centre an internet-capable computer takes the data from the mobile devices and transfers it to the emergency services centre portal. This information can then be downloaded by the invoicing service.
- The command centre coordinates the dispatch appropriately, directing the patient and informing the hospital or clinic.
- NETZING MC devices can be linked in to any command centre whatsoever.

