Digital Solutions

Phil Iles

Sales Manager – UK & EIRE

Intro to Possum

➢ Founded 1961 – One of the oldest AT providers.

➢ *Patient Operated Selector Mechanism* – P.O.S.M.

➢ Possum – Latin for "I am able" or "I can"

➢ 2009 Winner of the Queens Award for Innovation

➢ Privately Owned, Medium Size British Company.

➢ Head Office, Aylesbury. Manufacturing Plant West Midlands

➢ Strong partnerships with equipment suppliers such as Neat Electronics, GTX Corp and Danish Care.

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Digital Solutions – Novo Carephones – Always connected……

- ➤ Compatible with all UK & European ARC Software
  - ▪ SCAIP enabled with capability to "rollover" on failure to protocols such as CPC and Homephone
- ➤ True roaming Sim Cards – Not network steered

- ➤ Proven technology - 500,000 units sold worldwide

- ➤ Easy to Install & Update – Firmware & Configuration can be updated "Over the Air"

- ➤ Up to 2 weeks battery back up on mains failure

- ➤ Superior Audio Quality

- ➤ Operates on EU dedicated Social Care alarm frequency
  - ▪ All old and new sensors work with our digital units

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Digital Solutions – Novo Carephones

➤ Different versions available:
- Novo IP/GSM
  - Digital Connectivity via ethernet connection or mobile network (2G)
  - Failsafe communication in the event of failure
    - IP route (router connection) onto 2G network route for SCAIP communication
    - Reverting onto GSM network using analogue protocols if other methods fail
- Novo PSTN/GSM
  - Digital Connectivity via mobile network (2G)
  - Failsafe communication in the event of transmission path failure
    - SCAIP communication over 2G network
    - Reverts onto PSTN/GSM network using analogue protocols if digital connectivity fails.

Notes: All Novo units can be defined to use an embedded transmission path in any order specified. 4G units will also be available soon.

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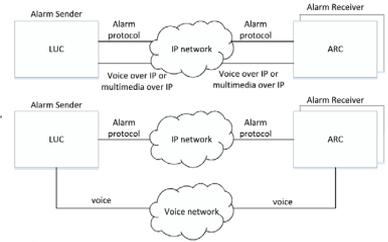
Digital Solutions – Novo Carephones IP/GSM (BLE)

➢ Novo IP/GSM (BLE)
- ▪ Same features as Novo IP/GSM unit
- ▪ Encrypted communication with NHS Fast Healthcare Interoperability Response (FHIR servers)
- ▪ Portal available for recording and storing of clinical measurements for review
- ▪ Bluetooth connectivity for health care peripherals such as:
  - • Blood pressure monitors
  - • Pulse/ Oximeters
  - • Thermometers
  - • Weighing scales
  - • Blood sugar (coming soon)

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Carephone Management Portal

The Carephone Management Portal (CMP):

➢ A cloud-based facility which allows personnel to monitor the performance and remotely control functionality of installed Novo digital carephone products.

- Management tool for monitoring installed units
- "Over the Air" programming of firmware and configuration
- Remote adjustment of timings can be applied to peripheral devices
- Full alarm, configuration and event list history stored
- Management reports created and emailed detailing failures within specific groups
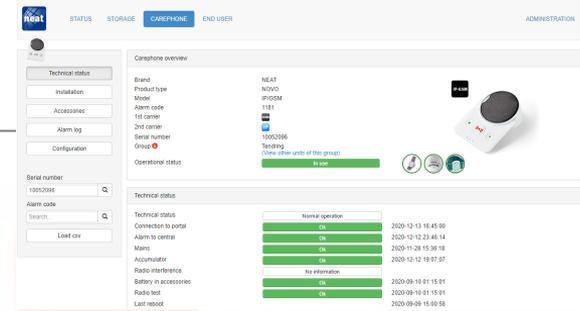
What we have found?

➢ Going digital is a learning curve for us all

➢ The resilience of SCAIP as a transmission method is far better than relying on older analogue protocols over GSM networks

➢ Sim card choice is a key decision to make – Ensure true roaming solution

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