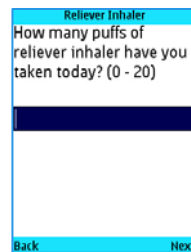


t+ asthma – An end to end patient monitoring system

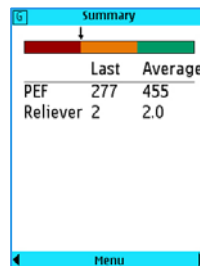
Functionality

- Instant over the air deployment of software and questionnaires to patient mobile phones
- Flexible questionnaires
- Questions for PEF, medication, symptoms
- Local pollution forecast available on handset
- Secure t+ messaging to communicate to end users
- Also supports standard SMS texts
- Website for admin staff to track system usage



Compatibility

Mobile software runs on over 80 handsets, and on more than 10 networks including GSM, CDMA, Wi-Fi



Quality

t+ Medical are audited to ISO9001, ISO13485, TickIT

Security

Secure 128 bit SSL encryption of all communicated data
Servers housed in physically secure, monitored locations

Reliability

Robust Linux operating system
24 hour monitoring
Proven in 19 clinical trials

Interoperability

- Web services interface
- allows retrieval of raw data
- Secure messaging to end users



System comprises of:

- Yearly licence based on patient numbers
- Unlimited Clinical staff accounts
- t+ clinical cell phone software
- Free phone customer services
- Hosted server
- 24x7 IT support
- Website for Clinical Staff
- Website for patients
- Web service API for data access





Technical Specification:

Handset:

All major manufacturers
over 60 European and 24 US handsets currently tested and approved

Handset Requirements:

JAVA MIDP 2, Colour Screen, HTTPS

Network:

GSM, CDMA, CDMA-2000, Wi-Fi

Tested on 7 UK (O2, Vodafone, T-Mobile, Orange, Virgin, talktalk, Fresh), 2 US (AT&T, Sprint), 1 France (SFR), Ireland (Vodafone).
More networks planned for 2008 including Verizon, Alltel and T-Mobile USA

Website:

Secure SSL protection
Role based access control
High level statistics and KPI tracking

Server:

Shared t+ server or dedicated host option
Every server has 3 data disks, RAID5 configured and
2 Operating system disks (RAID0)
Linux operating system
SQL database
J2EE enterprise grade software
Web services SOAP API for direct integration with other systems
Full backup and recovery service included (nightly offsite backups)
Dedicated firewall
Located in regional data warehouse (in London, UK in a ISO27001 facility, or in Texas, USA)
Data centres have biometric scanner, card reader access, bullet proof windows, security cameras, 24x7 security guards, N+1, UPS, diesel back up generators, VESA fire detection, HVAC includes HEPA filtration), temperature and humidity controlled
Pollution information from USA EPA



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