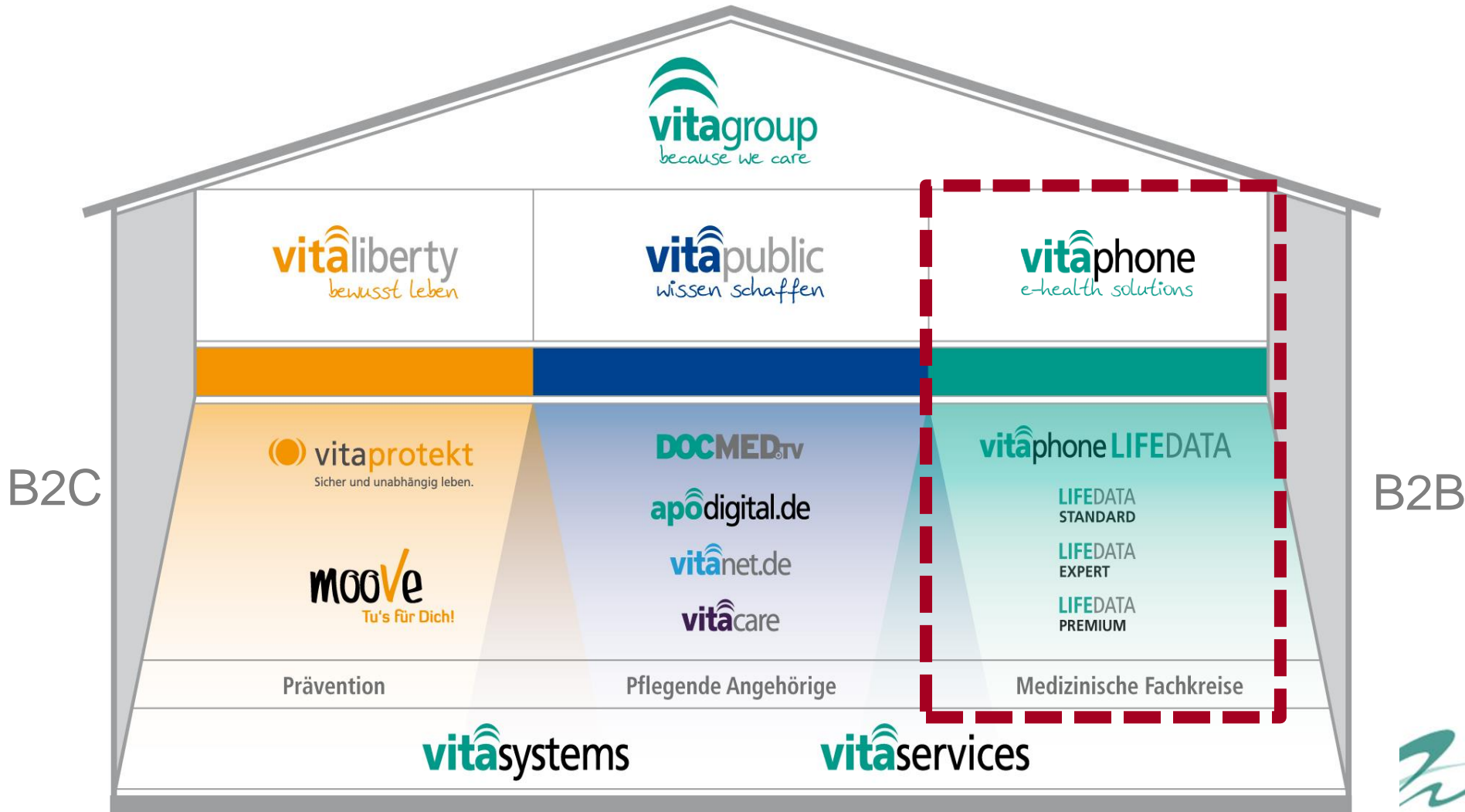




Innovating Across Borders: Germany and the U.S.

vitaphone[®]
e-health solutions

The vitagroup house



Foundation

- 1999

Principal Office

- Mannheim

CEO

- Norbert Niedworok

Core Competencies

- One-stop shop and service provider of health care management, telemonitoring, telemedicine devices and patient coaching

Specifics

- Telemedical Service Center, ISO certified (DIN EN ISO 9001)
- Fullfills VDE Application Rules of TeleMonitoring.
- ISO 13485 and ISO 9001 certified development and manufacturing of medical devices

We are an international company, acting in a specific telemedicine market.

As a team, we provide innovative solutions for improved patient outcomes in a changing healthcare environment.



- Founded in 1999 by physicians
- Established cardiac event monitoring in 2000
- First ISO-certified telemedicine service center
- Pioneer of cell phone for EKG remote monitoring/transmission (worldwide patent, 2002)
- Established mobile-based, chronic disease management and monitoring
 - 2003 – Hypertension
 - 2005 – CHF
 - 2011 – COPD
- Invented PICO medication adherence device in 2009. Winner of reddot design award
- Established vitaphone USA in 2009; began with cardiac event monitoring – currently monitoring 750-800 patients/month



BloombergBusinessweek Technology

Global Economics Companies & Industries Politics & Policy Technology Markets & Finance Innovation & Design Lifestyle

Technology

EKG Transmission via Cell Phone Sends Strong Signal to Medical Community

May 26, 2004



SEND TO kindle

Vitaphone's (Booth #3732) world premiere at CeBIT America opens new horizons in telemedicine, allowing heart patients to instantaneously send EKGs to physicians or EMTs.

Germany-based Vitaphone GmbH was founded in 1999 with the goal of developing technologies for transmission of biosignals and biochemical parameters with modern communications technologies integrated into innovative telemedicine service concepts. With global patents for key technologies for the transmission of biosignal data via mobile telephone, the company is the market leader in the telemedicine sector and is setting new standards.



Deutsche Stiftung
für chronisch Kranke

CorBene



Three major market segments supported:

- *Cardiac Ambulatory Monitoring*
- *Chronic Disease Management*
- *Medication Adherence Management*



- **Telemedicine Service Center (TSC):**

- A clinical call center that both monitors biometric data – triaging and filtering alerts as they arise – and engages and educates patients.
- Vitaphone operates TSCs in both Germany and the U.S. The German operation was the first ISO-certified TSC in the world.

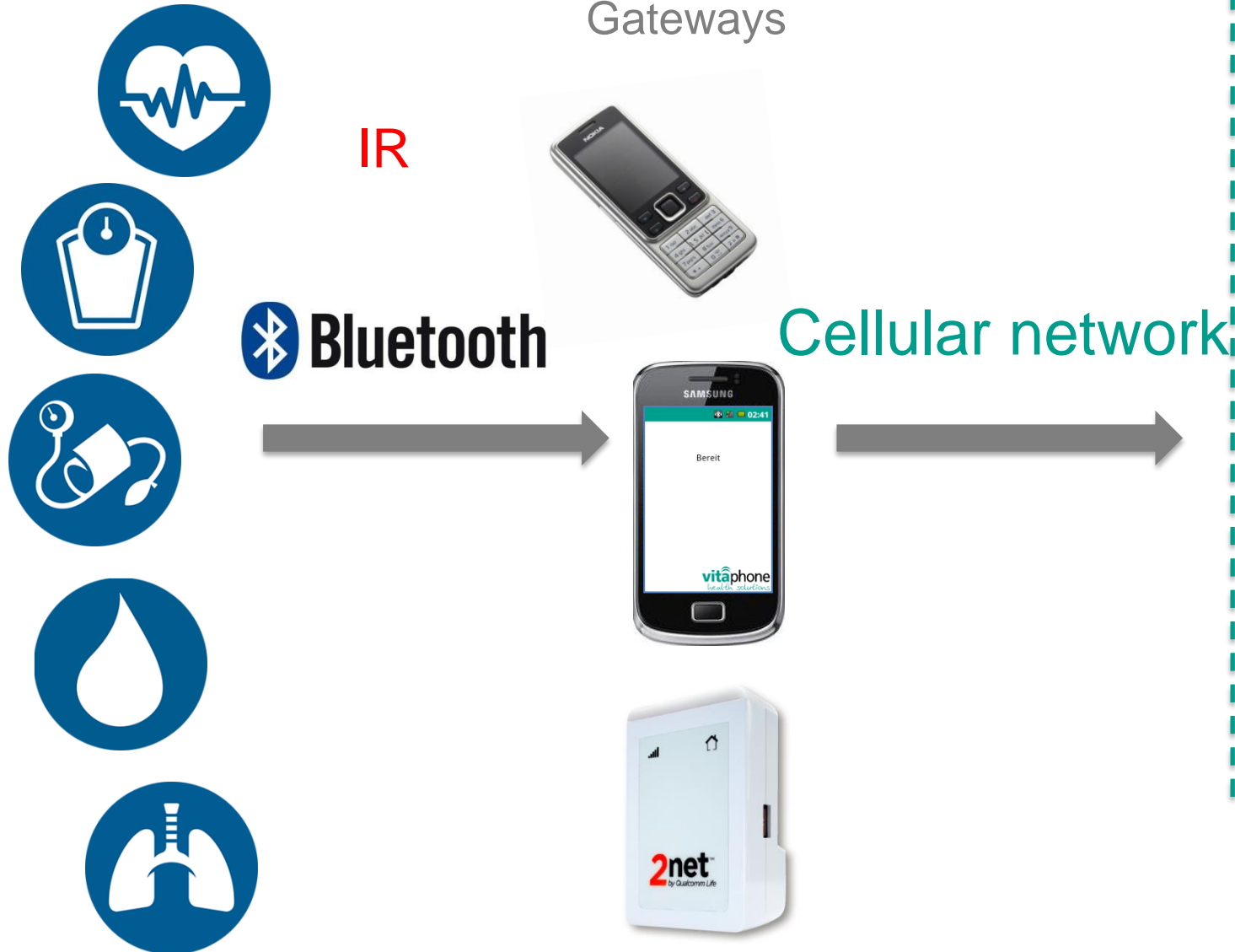


High-Tech: the Latest Proven Technologies

Sensors of vital parameters

Transmission Units /
Gateways

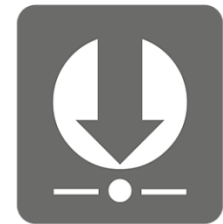
Software



remos
Manager

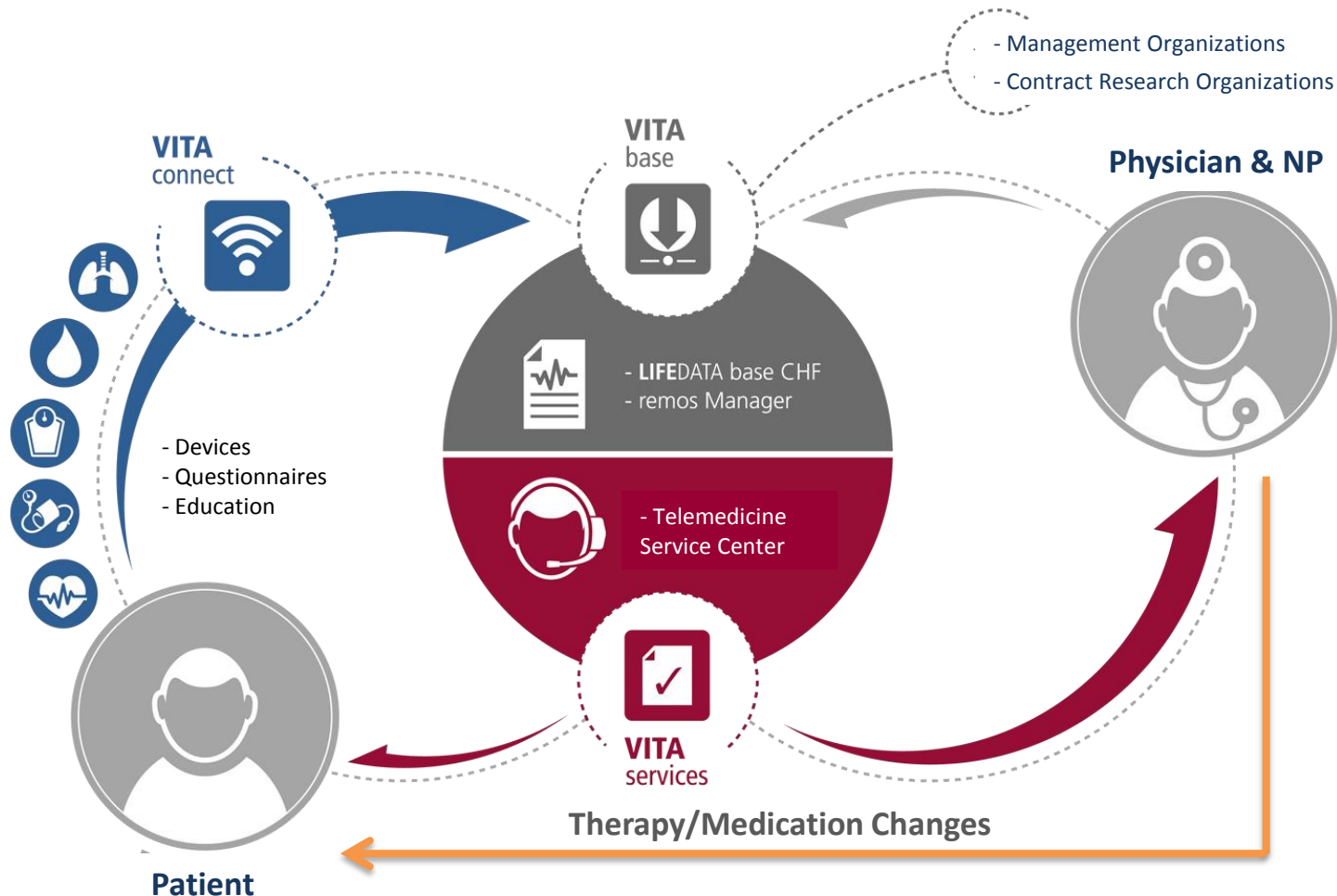


VITA
base



HealthyCircles™
by Qualcomm Life

vitaphone's remote patient monitoring facilitates a faster feedback loop between the patient and the supervising clinicians. Patients therapy paths can be more rapidly changed.



FOCUS

MOBILE HEALTH

30 Days to Make a Difference

Evaluating the 30-Day Effects of a Comprehensive Remote Patient Monitoring, Shortened Provider Feedback Interval, and Patient Engagement and Education Program on Hypertensive Patients

By Ram Dandillaya MD, FACC, FCCP; Michael Neumann, MD; Scot Anderson, RN, BSN, MBA; Dong Li, MD, PhD; Marco Wahnig; and Brad Tittle, CIPP





Thank you!

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