



The network behind the world's top networks

USE CASE 

BICS: CONNECTING PEOPLE AND DEVICES FOR HEALTHCARE ORGANIZATIONS

IOT AND MOBILE NUMBERS

Customer

Connected medical devices are expected to total 40% of all IoT technology by 2020¹, transforming the industry by building an enhanced patient experience with easy-to-deploy monitoring and reporting proficiencies.

By introducing remote medical monitoring, healthcare organizations can empower their patients and help prevent hospital admissions. Here, reliable **global connectivity** is key, along with real-time visibility and **voice-enabled connections** that must be available at all times, in any location.

Applications



24x7 remote monitoring
of patient data



Real-time fall detection
and alerts



Integration with
first responders' systems
(i.e. paramedics,
police officers and other
emergency responders)



Environmental
sensor triggering



Voice and SMS connections

Requirements



Cross-border multi-network coverage



VoIP and SMS capabilities
via a dedicated app



Connectivity with numerous
devices and services



Real-time management,
control and monitoring



Local numbers for an improved
customer service

Solutions



BICS SIM for Things (SFT) solution, combined with Mobile Numbers, offers reliable worldwide coverage and international inbound calling capabilities for connected medical devices.

Reliable connectivity anywhere

For patients receiving remote medical care, it is critical that IoT-based devices and environmental sensors remain connected. The BICS SFT solution comes with instant, built-in global connectivity for high quality, uninterrupted coverage around the world.

Remote contact

Healthcare organizations require connected medical devices that can be contacted remotely to ensure patient welfare and peace of mind for relatives, without the need for pre-paid SIMs. BICS Mobile Numbers are enabled with SMS and voice calling capabilities across a growing number of countries. By incorporating an app into the device, healthcare professionals and families can also check-in on patients via a local number, using VoIP that will generate a stream of data between the SIM and provide an update on vital signs. Numbers are compliant with all relevant national and international regulations as standard.

Simple management portal

Easy deployment of devices is a must for healthcare organizations to integrate and manage hundreds, if not thousands, of connected devices. The BICS SFT solution offers market-leading automation, reliability and security at device, network and application layer, ensuring patient data protection and security.

Results

BICS SIM for Things, combined with Mobile Numbers offers a comprehensive, turnkey connectivity solution for remote patients through one provider. Healthcare organizations can monitor the safety and welfare of their patients in real-time by providing devices with voice and SMS capabilities built in, alongside global multi-network coverage to improve the patient experience and ensure connectivity anytime, anywhere.

¹ <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4981575/#B2>