

Managing, Distributing & Tracking Medical Data

Providing Real-Time Actionable Insights for Medical Devices

- Provides actionable data and reduces latency of critical events from hours to seconds.
- Handles abnormal events, alerting the need for critical actions, for example heart failure medication, asthmatic inhaler usage, device malfunctions, and more.
- Compatible with current and on-going standards such as HIPAA and the EHR Stage 3 Meaningful Use Criteria scheduled for 2016.
- Includes foundational components for regulatory compliance, government standards, and policy control.
- Boosts research and development productivity.

Device Sensors

- Filters, aggregates, counts, data reduces, and routes to power real-time actions, monitoring, alerts, and analytics.
- Processes at 100K or more events/sec.

Data Center

- Feeds relevant information to dashboards, databases, and BI tools, as well as to cross-domains such as first responders, etc.
- Processes data at 1.5 Mbps (billions of events/day on a single router).

Contact us to see how
Talksum can help you
with your Big Data
initiatives.



Talksum enterprise-to-device solutions help hospitals, physicians, patients, and caregivers by managing, distributing, and tracking data in real time to increase the efficiency of underlying, mission-critical medical devices and to provide life-saving insights and alerts.

Talksum products work with any type of medical industry push applications, as well as provider and patient pull devices, and overcome the hurdles of interoperability, safety, security, privacy, policy control, and operational inefficiencies.

The Talksum Data Stream RouterTM (TDSRTM) works at the device level (embedded: eTDSRTM) and at the data centers (TDSR). Each can be independent or work together.

At the device, the TDSR collects any type of sensor data, filters it, determines critical events, and intelligently routes the relevant data to the appropriate services, including the data center. At the data center, the TDSR retrieves data from devices for consumption by respective applications and data storage systems. It forwards relevant information back to the data center operators, and to multiple societal domains such as field service, emergency response teams, first responders, traffic systems, and others.

Two Complementary, Yet Independent Enterprise-to-Device Solutions: Remote Sites (eTDSR) & Data Centers (TDSR)

