

What is QUARC?

As simple as paging. As convenient as texting. QUARC is your one secure solution for safe and efficient healthcare communications. Its modules include smartphone-based paging, secure texting, patient handoffs, on call scheduling, and mass alerts.

Designed by clinicians and administrators, QUARC's functionality, usability, and big data analytics were created to prevent medical errors, improve organizational efficiency, and provide an unmatched level of security.

Why Should I Care?

Threats to healthcare data security continue to rise as do the consequences of experiencing a breach.

53.4% of healthcare data breaches arise from mobile devices and 75% of physicians text patient information. OCR has publicized its efforts to step up enforcement in mobile health security and in most cases a "A Do Not Text" policy will not provide protection.

SMS messaging can result in PHI being stored on third party databases such as your clinician's wireless carrier, Apple, and Google. And most secure messaging solutions do not fully obviate data security risks because they allow data to be stored on the mobile device.

Key Features

With Quarc, your clinicians can safely, securely and efficiently communicate with one another through their mobile device. Healthcare information security experts have given guidance from day 1 on the architecture and functionality required to make the system NIST 800-53 compliant.

Quarc's web and mobile applications allow you to eliminate your paging system, reduce communication costs, and promote data security.

- All intra and inter-system transmissions encrypted via 128 bit SSL.
- MSSQL backend databases encrypted using transparent data encryption.
- Streams data on the fly with no PHI persisting on end user devices.
- Web sockets connection through RabbitMQ library enables real-time connection while maintaining data integrity.
- Easily manage user settings through integrations with single sign on solution.
- Provide clinician focused usability that drives adoption and enables improvement in efficiency and patient safety that generate ROI.
- Uses both WiFi and cellular networks to improve message delivery.
- Accessible through native iOS and Android applications or a web portal (compatible on all web browsers).



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