Today’s technological breakthroughs are changing how we live. We see it every day and know what’s coming – driverless cars, reusable rockets, 3D printing. Advances are changing medicine as well. For example, recent breakthroughs in medical imaging can isolate tiny anomalies long before they become life threatening.

Although imaging technology has advanced, a physician’s ability to access and collaborate on the images has not, and the situation is exacerbated as imaging files grow in size and complexity. The problem is that today’s enterprise image management technology is already a decade or two old – introduced long before the cloud – and is not designed for speed, mobility or the latest imaging files. This undermines our clinicians’ abilities to fully leverage the advances in imaging. Cloud technology can harness the breakthroughs in medical imaging and it delivers what physicians need most: speed, access and collaboration. It can engage patients and get them more involved in their care. And it provides a secure and cost-effective way to relieve the strain on enterprise systems.

As I see it, back-end cloud technologies can now keep up with the front-end excitement. And unlike enterprise technologies, where decisions to buy are capital intensive and all-or-nothing bets, a health system can choose to deploy the cloud for image management when and where they need it most. In essence, one can simply “tiptoe into the cloud” to enable advances in medical imaging.

- Chris Hafey

Chris Hafey is Chief Technology Officer at NucleusHealth™ – a leading technology firm developing and deploying powerful, proprietary solutions to manage medical images in the cloud for fast and secure access using any web enabled device and modern browser. To learn more about NucleusHealth or our nucleus.io™ technology, visit us at www.nucleushealth.io or www.nucleus.io. You can reach Chris at info@nucleushealth.io.