



## Multi-Site Testimonial: M-Power

### Toshiba's Intuitive M-Power MR Interface Streamlines Exams

From left: Fairview Health Services, Minneapolis, Minn.; Iowa Radiology, Clive, Iowa; PinnacleHealth, Harrisburg, Pa.

Healthcare providers are constantly challenged to do more with less while improving efficiencies and patient care. In MR imaging, a user interface that is easy to use and learn streamlines processes, resulting in more efficient and accurate exams. Toshiba's M-Power user interface provides a solution to this challenge, taking MR performance to the next level.

M-Power is built for all levels of users, improving efficiency by reducing the number of steps during exam setup and featuring advanced post-processing software. M-Power is available on Toshiba's Vantage Titan™ 1.5T series and Vantage Titan 3T MR systems.

### Easy to Use, Easy to Learn

M-Power reduces the number of steps to start a procedure, making imaging as simple as 1, 2, 3. Operators can design their own protocols, and key parameters are strategically organized to minimize user searching and mouse movement for faster exams. The look and feel are designed to enhance the user's experience and reduce fatigue.

### Automated Features

M-Power facilitates faster throughput by using efficiency tools and proprietary protocols.

- **mTools:** Operators can drag and drop their most frequently used scanning tools in one place for simple access and to reduce procedure time
- **Atlas Compass:** Automates coil selection and turns on the proper coil elements needed for a specific exam, eliminating guesswork in patient positioning and coil element selection



Toshiba's M-Power user interface takes MR performance to the next level.

- **mVox:** Acquires more information in less time by limiting the number of sequences per exam, especially during neuro, body and orthopedic exams
- **CSF Flow Imaging:** Automates the process for observing cerebral spinal fluid (CSF) flow using Toshiba's CSF Time-SLIP (Spatial Labeling Inversion Pulse)

### 3D Efficiency

M-Power can automatically apply advanced 3D post-processing to achieve greater workflow.

- **Maximum Intensity Projection (MIP):** Selects the 3D process on the operator console, enabling cutting, previewing and saving of images as DICOM data sets
- **Multi-Planar Reformation (MPR):** Automatically reformats isotropic volume data sets in any plane, including user-selectable oblique planes
- **Surface Volume Rendering (SVR):** Creates advanced 3D volume-rendered images, eliminating the need for a separate workstation

### Advanced Post Processing

M-Power makes advanced post-processing simple, and applications can be added over time. fMRI, Spectroscopy, Diffusion Tensor Imaging and Diffusion Tractography applications can be accessed on the main console through a simple three-step process for each.

### Empowering More

The revolutionary Toshiba M-Power user interface is simple to use, customizable and intuitive, so operators of all experience levels can maximize efficiency and accuracy in MR imaging.

Fairview Health Services  
Minneapolis, Minn.  
Titan 1.5T



"The M-Power interface from Toshiba is intuitive and very easy to use. With M-Power, we are performing more efficient and shorter exams, allowing us to accommodate back-to-back patients with ease."

— Beth Mejia and Beth Behrendt, MRI technologists,  
Fairview Health Services

PinnacleHealth  
Harrisburg, Pa.  
Titan 3T, Titan 1.5T



"Toshiba's M-Power interface is easy to learn and very user-friendly. All the parameters are easy to find and can be changed as needed, improving efficiency and workflow. Also, M-Power enables post-processing to be done on the main console, eliminating the need for a separate workstation."

— Ann Bair, MRI supervisor, PinnacleHealth

Iowa Radiology  
Clive, Iowa  
Titan 1.5T



"M-Power has made exams much easier to perform and has contributed to shorter scan times. For example, there is significantly less clicking through pages during exams without being directed to a different page or to a pop-up, because protocols and applications are accessible on one page. Post-processing and mapping are all done while scanning, which also contributes to easier and faster exams."

— Jaimee Knorr, technologist, Iowa Radiology

"Our technologists are extremely pleased with the M-Power interface. M-Power has been easy to learn, allowing them to get comfortable with protocols and navigate through the system quickly. The consistent, easy-to-use platform is very important to me as an administrator, as I can move technologists around to different systems, making our group far more flexible and productive."

— Karen Botts, administrative director, PinnacleHealth



PinnacleHealth utilizes Toshiba's Titan MR systems and its M-Power user interface to perform faster and safer exams.



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