Description:
Read how Kyntronics helped an OEM of Surgical Medical Imaging equipment improve the functionality of their next generation Imaging machine.

Application:
Medical Imaging Equipment

Products:
R155, R2400 Rotary Actuators, R05 Linear Actuator

Solution:
Kyntronics worked closely with this OEM during the design phase to mechanically package and adapt the Kyntronics R155 and R2400 Electro-Mechanical SMART Actuators to fit in the confined spaces needed. Certain mechanical changes were required to allow the actuators to fit in tight locations while assuring the necessary torque or force was provided.

Two-wire Power Line Communications was used between the actuators which reduced wiring costs and reduced the space needed for wire harnesses. Software that synchronized multiple actuators together was included that allowed pre-set machine moves to be implemented saving time for technicians.

Results:
The Kyntronics Electro-Mechanical SMART Actuator platform enabled this OEM to achieve their goals for their next generation Surgical Imaging Machine.

Kyntronics works closely with our customers to adapt products in the most cost-effective manner while meeting or exceeding application requirements.

Click to view a short video on this system: https://www.kyntronics.com/products/electro-mechanical-smart-actuators

Find out more about Kyntronics Electro-Mechanical SMART Actuators and how they can improve your company’s machines and processes. Interested in how Kyntronics can help solve your actuation challenges, contact our Engineering team.