SmartShell
One Control System for All Ross Robotics
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SmartShell provides a flexible, intuitive user interface for controlling all Ross Robotic solutions that can be scaled to suit both large and small installations. The SmartShell Unified Control System combines a flexible touchscreen GUI with an ergonomic joystick control panel. So whether you have track-based Furios, free-roaming CamBots, PT heads or PTL pedestals, all your Ross Robotics can be controlled from a common control system using a flexible Ethernet-based architecture.

SmartShell V5 introduces MotionDirector technology, which consistently produces smoother, more natural looking camera movements, allowing the camera artist to focus on the subject and not the robot. Meanwhile, unlike most robotic systems that force you to choose between programmed motion and remote control, MotionDirector allows you to operate both of these modes together, using a tracked robotic arm combined with a joystick input to control the robotic camera's trajectory, combined with the flexibility to speed up, slow down, or make small - or large - corrections to any axis while a programmed movement is in progress. MotionDirector is currently available on all Furio Studio systems, with CamBot support coming soon.

The Matrix View provides:

• A single consolidated matrix of shots from which you can recall Presets and moves from any connected camera simply by touching a thumbnail.
• Simultaneous preparation of camera Moves and Presets while operating any other camera moves.
• Categories permit you to organize your presets and moves, letting you group shots by show, scene, operator or anything else you desire.
• Each control axis can be custom tailored to suit your personal preferences, by adjusting the speed, damping, and limits.
• Furio Moves allow you to create the most complex signature camera positions and movements, which can be pre-programmed camera positions (presets) and program complex on-air movements.

The standard control system includes a quiet, high performance all-in-one touchscreen PC, including all of the Robotics Server functionality, along with the SmartShell software and robotics client. For single station installations, there is the option of a fully integrated control station that includes the robotics server as well as the SmartShell software and the robotics client. In addition to comprehensive maintenance and hardware warranty plans, Ross offers all of its customers free 24/7/365 worldwide support.

Global Deployments - Global Support

With over 2000 robotic systems deployed around the world, few suppliers have more experience with installing, commissioning and maintaining robotic systems than Ross Video. As with all Ross Video products, the industry's best support, legendary for its flexibility and customer-oriented approach, is an important part of the solution. In addition to comprehensive maintenance and hardware warranty plans, Ross offers all of its customers free 24/7/365 worldwide support.
Ross Video has a complete range of technical services available to ensure that your SmartShell Live installation is a success.

Operational Training can be provided at Ross Video, on-site or on the web. Experienced Ross operators will teach your staff to get the most out of your new system, and enhance your productions.

Commissioning is a service to help get your robotics system properly configured, connected and installed. This service is performed by factory trained Ross technical staff.

Technical Training can be provided at Ross Video, on-site or over the web. Technical training will teach your engineering staff the technical details of the system you have purchased. System configuration, interfaces, databases, and routine maintenance procedures are some of the topics covered.

SmartShell Live comes standard with a 1 year comprehensive warranty. Extended Warranties on hardware and software maintenance are available for an annual fee.

Technical advice is available on-line, by telephone, or email to Ross Video – Included for the life of your system.