

“One of the major advantages of the Telemetric system over other technology we have used is that the RCCP-1 gives us full control over camera features like Iris, White Balance, etc.

Netherlands' Public Broadcaster Upgrades Studio Operations To Telemetrics Robotics Control

As system engineer for Omroep Brabant, the Public Broadcasting regional television and radio broadcaster serving the North Brabant Province in the Netherlands, Arie van Grinsven is responsible for implementing the latest technology that benefits viewers most. The TV station side—which offers a full slate of news, entertainment and cultural programs—recently retrofitted one of its production studios with a robotically controlled camera system from Telemetrics that allows a single operator to manage the camera and on-air look with precision and ease.

Measuring about 10 x 12 meters (33 x 40 feet), the studio now includes four Sony HDC-P1 PTZ cameras mounted on Telemetrics PT-LP-S5 Pan/Tilt Heads on EP-7-600 Televator elevating pedestals that are precisely controlled by a Telemetrics RCCP-1 control panel with Studio control software. The unmanned cameras have the freedom to roam the studio floor, tethered to a cable management system.

The Telemetrics robotic system also comes with a 22-inch diagonal touchscreen that enables one- or two-person operation (the second might be a separate camera shader). Two of the cameras on Telemetrics Televator pedestals also feature a flat-screen teleprompter for on-air talent. [The



entire system was supplied and installed by local system integrator Amptec.]

Thanks to unified control for camera robotics and camera shading, the Telemetrics system enables the production staff to provide more camera coverage, more dynamic camera moves and more points of view—all at low cost. Van Grinsven said he can access the deep-menu controls of broadcast cameras without purchasing camera control units or paint boxes. The RCCP-1-STS also enables Omroep Brabant to store multiple shows, each with its own unique inventory of shots.

“We were looking for a cost-effective way to make our news and entertainment programs run more efficiently and reduce technical errors,” van Grinsven said, adding that it also led to a reduction in the need for a multi-person crew. “The main reason is creating a better production workflow that gets stories to air faster.”

The Telemetrics RCCP-1-STS system at Omroep Brabant now includes pan/tilt/zoom/elevator/trolley robotics control with camera shading control in a single, compact system.

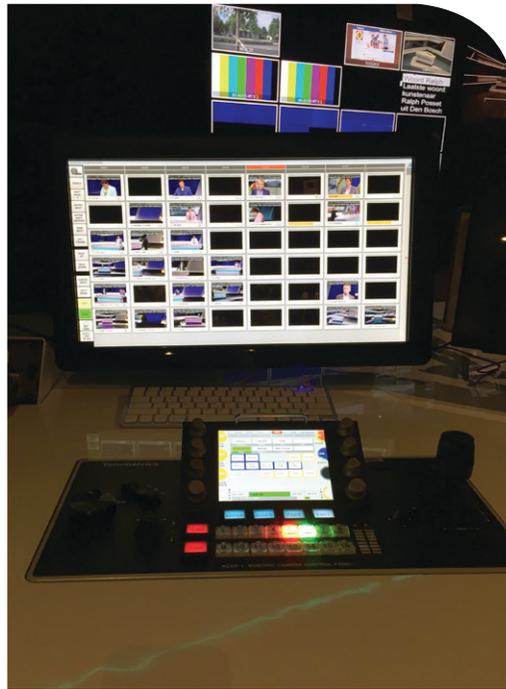
“One of the major advantages of the Telemetric system over other technology we have used is that the RCCP-1 gives us full control over camera features like Iris, White Balance, etc.,” he said. “Better control typically results in better programming because we can do things with the camera that we could not before. Even instantly, while we are on the air.”



“**Camera robotics have changed the way news is presented, economically, and systems like the one we have implemented from Telemetrics allow us to raise the level of creativity of our programs.**”

When the system was installed in March of this year, van Grinsven worked with Telemetrics engineers to train the staff and most were up and running within a matter of hours.

“The system was not hard to understand,” he said. “That was another benefit of installing the



Telemetrics system. We could get it on air very quickly.”

The robotically controlled camera system from Telemetrics is now being used seven days a week in the revamped studio at Omroep Brabant and it has worked reliably ever since. Van Grinsven said that each show has a different operator who knows their specific camera settings (stored in the RCCP-1 control panel’s internal memory cache) and can recall them in seconds. This brings a consistency to the station’s overall program schedule—which van Grinsven states viewers really like.

“Camera robotics have changed the way news is presented, economically, and systems like the one we have implemented from Telemetrics allow us to raise the level of creativity of our programs,” van Grinsven said. “Using a one-man crew can only be accomplished if the system is easy to use and very reliable. For us, the Telemetrics robotic camera control system is that and a whole lot more. I would recommend it to my colleagues, and often do.”

Omroep Brabant is the fourth TV station in the region to convert its studio operations completely to a robotically controlled camera system from Telemetrics.

About Omroep Brabant

Omroep Brabant is the Netherlands Public Broadcasting regional broadcaster from the province of Brabant. It was founded in 1976 and began broadcasting radio and TV programming in 1997. Besides news and informative programming it offers also cultural programs.

About Telemetrics, Inc.

Telemetrics, founded in 1973, revolutionized the robotic camera control industry with the introduction of robotic camera control over Triax. Today, Telemetrics is a pioneer of innovative solutions used in Studio, Legislative, Military, Corporate, Houses of Worship, Sports, and Education. Telemetrics offers the S5 line of Pan/Tilt heads, motorized columns with the Televator, ceiling or floor mounted TeleGlide track systems and expansive software control packages with the RCCP-1 platform. Telemetrics is committed to making the most reliable, durable, and dependable broadcast ecosystem in the world... products that can be built on for decades not just years.