

CASE STUDY

WELLEN+NÖTHEN



CUSTOMER:

Wellen+Nöthen, Germany
www.wellen-noethen.com

Wellen+Nöthen

CHALLENGES:

Delivering high-end hardware and software products for Wellen+Nöthen's wide range of broadcast and media clients as well as instant replay systems for use on live events including concerts and sports

SOLUTION:

Several Grass Valley K2 Dyno Replay Systems that enable Wellen+Nöthen to deliver high-quality instant replay systems to their growing pool of live production clients

BENEFITS:

A proven server platform that offers the flexibility and versatility to perform multiple tasks simultaneously during live events; support for the Dyno Academy

Capturing the Sights and Sounds of Germany

BACKGROUND

With the growing range of technologies needed for nearly all production-related processes today, staying ahead of the technology curve requires constant foresight. Nobody knows this better than Wellen+Nöthen, the Germany-based specialists in innovative IT and audio-visual solutions for the broadcast and media industry. With a keen eye on the developments of new technology, Wellen+Nöthen stands apart as the leading provider of the most sophisticated broadcast solutions in Germany and internationally.

The company offers a broad spectrum of products for the delivery, implementation, integration, and commissioning of hardware and software products from more than 120 well known manufacturers in the audio, video, and IT sector. Its customers include German and international TV stations, outside broadcasting (OB) companies, post production houses, digital service providers, and freelance camera operators. Wellen+Nöthen also supplies and rents equipment to various broadcasters and production companies at the international summer and winter games.

"Over the years, we've developed a close and trusted relationship with several major technology manufacturers in the broadcast, IT, and media space, not the least of which includes Grass Valley," said Daniel Url, Sales Director at Wellen+Nöthen. "Our partnership with Grass Valley began 14 years ago when we started distributing their solutions in Germany and since then we have aligned on various projects including consulting and development, professional products, systems integration, technical service and support, as well as rental services and solutions."

Wellen+Nöthen distributes all of Grass Valley's broadcast solutions in Germany, including cameras, servers, routing switchers, master control, and more. Recently, the two companies collaborated on the planning and systems integration for a new OB van for RecordLab, an expert in broadcast services in Germany. The project included the delivery of a

Grass Valley® Karrera® Video Production Center switcher, a Trinix® NXT routing switcher, and an LDK 8300 Live Super SloMo Camera.

"The project with RecordLab was exciting and different because it was for an entirely new OB van, not an existing one, so we were able to start with a clean slate," said Url. "With Grass Valley's expertise and experience in the OB market, this project went off without a hitch and we were able to provide the precise solution that RecordLab needed to deliver the highest quality live events."

THE DYNO ACADEMY: EMPOWERING REPLAY OPERATORS EVERYWHERE

In addition, RecordLab is becoming a premium partner of Dyno Academy, which is a joint initiative between Wellen+Nöthen and Grass Valley, launched in 2013. Dyno Academy provides tailored, hands-on training sessions for replay operators of sports and other live events, as well as technicians, so that they can fully master Grass Valley's K2 Dyno® Replay System, which is widely used in the live sports market.

The program offers customized training sessions for replay operators of all levels. Seminars focus on standard tasks in broadcast operations while others put a stronger emphasis on more specific aspects such as editing, replay, and slo-mo operations. There are also special training courses for engineers to learn the technical details, diagnostics, and maintenance procedures for the K2 Dyno Replay System. Upon completion of the course, each attendee receives a certificate as a professional Dyno Broadcast Operator, Dyno Sports Expert, or Dyno Engineering Operator.

"The Dyno Academy is extremely valuable on many levels," said Url. "It helps us meet the growing need for high-quality live production replay personnel for all types of events so we can help support the marketplace with more advanced replay operators. It's really a win-win for everyone involved!"

"One of the things we love about K2 Dyno is that it empowers creativity and simplicity with operators of all levels."

Daniel Url, Sales Director at Wellen+Nöthen



The first class of graduates from Wellen+Nöthen's Dyno Academy in 2013.

BROAD REACH

With Wellen+Nöthen in the DACH region (German-speaking countries) and Qvest Media in the Middle East as well as Southeast Asia, Grass Valley is a reliable partner for renowned international projects of the Wellen+Nöthen group.

RT1.TV, AUGSBURG, BAVARIA

- Cologne-based DSNG van
- 4 Grass Valley LDX Première software upgradable cameras
- Trinx NXT routing switcher
- Kayak HD 2.5 M/E production switcher

JOIZ TV, BERLIN

- 2 K2 Summit HD/SD 4-channel transmission clients

AL RAYYAN TV, QATAR

- 5 Grass Valley LDK 3000 cameras with triax adapters
- Operational Control Panels (OCP)
- 2" and 7" viewfinders

SHARJAH TV, UAE

- 5 Grass Valley LDK 8000 Elite cameras with 3G digital triax adapters
- Operational Control Panels (OCP)
- Master Control Panels (MCP)
- 2" and 7" viewfinders

DUBAIV, UAE

- 8 Grass Valley LDK 8000 Elite cameras with 3G digital triax adapters
- Operational Control Panels (OCP)
- Master Control Panels (MCP)
- 2" and 7" viewfinders

Url explained that many of his clients in live broadcast often have to prepare and distribute replays and highlight packages with a fast turnaround, which is challenging if they don't have the right gear in place. "The K2 Dyno Replay System supplies replay operators with an extremely comprehensive and easy-to-use toolset so they can produce replays and highlight packages seamlessly, on the fly, and under budget."

To support Dyno Academy, Wellen+Nöthen recently purchased 10 K2 Dyno S Replay Systems. Each system include a K2 Summit® 3G 4-channel media server, K2 AppCenter Elite with ChannelFlex®, and a K2 Dyno Replay Controller. Each system supports replay configurations for up to six cameras.

"One of the things we love about K2 Dyno is that it empowers creativity and simplicity with operators of all levels," said Url. "It's so functional and easy to use, with playlists, thumbnails, and the ease of switching from two programs to program/view so that operators can capture the perfect live replay without any difficulty." Url plans to purchase additional K2 Dynos in the future as needed.

Today, Grass Valley remains a partner for several of Wellen+Nöthen's important projects and Dyno Academy students that have graduated since the summer of 2013 in Cologne, Berlin, and Munich.

In a highly competitive TV market, it's now vital to provide viewers with error-free services. Grass Valley and Wellen+Nöthen are committed to delivering first-rate services so that viewers can enjoy coverage from live events when they happen in Germany, and across the world.

ABOUT GRASS VALLEY

Grass Valley is changing the way live television is made and delivered. Recognized with 18 Emmy® awards for technology innovation, Grass Valley's product portfolio—from image acquisition to playout—offers a complete end-to-end workflow of flexible, future-proofed solutions which enable broadcasters and content owners to build multiscreen, multiplatform futures. By simplifying and enhancing the way content is produced and distributed, Grass Valley gives customers the freedom they need to be creative in the studio, the field, and the newsroom. Merging optimizations of IT technologies with best-in-breed media systems, Grass Valley's next generation solutions deliver higher quality

and greater efficiencies. Customers include world-leading broadcasters, teleproduction facilities, service providers, government, religious, educational, corporate, and independent video professionals. Grass Valley is headquartered in Hillsboro, OR, and maintains local presence across the globe with offices throughout North and Latin America, Europe, the Middle East, and Asia-Pacific regions.

For information about Grass Valley solutions and services, please visit: www.grassvalley.com.

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