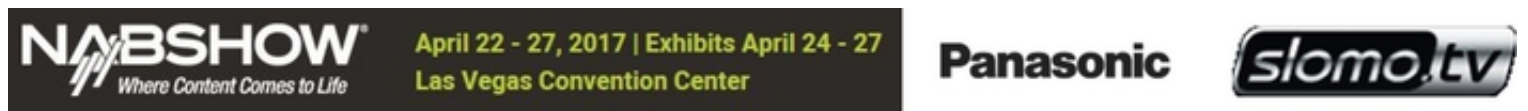


# Slomo.TV Showcases Elegant Slow Motion Capture and Replay System at NAB2017

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Production company TVSTART snaps up system for use on world-class live sports broadcasts

At NAB, [Slomo.tv](http://slomo.tv/en/) (http://slomo.tv/en/) (booth C11125), a leading international supplier of cost-effective, high performance server-based video recording and replay systems will showcase its advanced Super Slo-mo bundle, combining its Simple RII video server and [Panasonic's](#)

(<http://www.panasonic.com/global/home.html>) AK-H5000 4X SuperMotion camera.

Today, slow motion replays are a standard feature of major live sports broadcasts, however the necessary SuperMo cameras are a substantial infrastructure cost. Until now, only the premier league broadcasters and production facilities could afford these cameras and replay systems within their OB vehicles. Now, Slomo.tv in partnership with Panasonic has developed a significantly lower cost, but equally sophisticated slow motion solution.

The game changing solution integrates Slomo.tv's new Simple RII 8-channel video recording and replay server with Panasonic's AK-HC5000 4X SuperMotion camera. This integrated system sets new standards in affordable slomo replays. The server is compact, lightweight (1U, 5.6 Kg.), easy to use and still offers highest 3G/HD/SD image quality.

Panasonic's AK-HC5000 studio camera enables 4x SuperMotion image capture, and can shoot HD images at 200/240 frames per second. This best in class camera is equipped with newly developed 2/3-type MOS sensors that produce high sensitivity and an excellent S/N ratio. There are also functions to improve the shooting experience; including HDR (HLG), enhanced shock less gain (-3 dB to 36 dB), a user gamma function, black gamma correction according to the pedestal setting, multi-step DNR and easy matrix adjustment.

In developing its Simple RII server, Slomo.tv has added a special mode in its replay systems for integration with high-end cameras, such as the Panasonic AK-HC5000 4X SuperMotion camera. This server-based system can record video in its native standard (1920 50p/60p or 50i/60i) with simultaneous replay of two clips with transition between them. Also, clip search and NLE marking is available during playback.

The Simple RII server can record up to 266 hours of 100MBit HD video. Also, it possesses three graphics outputs for GUI, Multiviewer and Game Analyzer functions. An intuitive user interface and control panel make the Somo.tv server easy to understand and operate, which is important when used during the most emotional charged sporting events, where on air operations are mission critical and any down-time spells disaster.



STARTTV has broadcast more than 1000 sport events from different venues

### **First user: Sports broadcaster, TVSTART**

Already, this elegant slow motion solution has been fully tested and commissioned by Russian sports broadcaster, TVSTART (<http://tvstart.ru/>) . It has been used to provide super slow motion replay facilities on a broad spectrum of live broadcasts including the European Football matches, KHL Hockey League, Basketball, Volleyball and Handball events across Europe.

“Our first test of the Panasonic AK-HC5000 with Slomo.tv’s new Simple RII server was during the Euro Cup Handball qualification and it fully convinced us that this combination is very well matched to our

needs despite its modest price,” explained the Chief producer of TVSTART, Vladimir Shirokov. “It gives us the flexibility we need for live sports broadcasting. It leads us to buy more Panasonic gear and we will employ Slomo.tv servers, which we have used for many years.”

At the NAB show, (Booth C11125), Slomo.tv engineers and users will share their unique experience of this system implementation.

## **About STARTTV**

Moscow-based production company, **STARTTV** is one of the main players in sports television production market in Russia and CIS. Having its own production base the company provides TV production services for many local and International sport events. Over the years, STARTTV has broadcast more than 1000 sport events from different venues. STARTTV technical facilities include: two HD OB vans supporting 8-16 cameras; HD Fly Away production cases 8-16 cameras; two HD DSNG + OB VAN – 8 cameras; 1 HD DSNG.

## **About Panasonic**

Panasonic Corporation is a worldwide leader in the development of diverse electronics technologies and solutions for customers in the consumer electronics, housing, automotive, enterprise solutions and device industries. Since its founding in 1918, the company has expanded globally and now operates 474 subsidiaries and 94 associated companies worldwide, recording consolidated net sales of 7.553 trillion yen for the year ended March 31, 2016. Committed to pursuing new value through innovation across divisional lines, the company uses its technologies to create a better life and a better world for its customers.

## **About Slomo.tv**

Established in 2007, the company over the last decade has successfully introduced and brought to the market place complete lines of high quality multi-channel professional video recording and instant

replay servers for tapeless video production technology. Slomo.tv systems, such as Dominator and Simple R, are widely used by major TV channels, and the company's video judging system for sports, videoReferee®, has become an integral part of many sport arenas worldwide.

## External Links

[STARTTV \(http://tvstart.ru/en/\)](http://tvstart.ru/en/)

[Panasonic \(http://www.panasonic.com/global\)](http://www.panasonic.com/global)

[Slomo.TV \(http://slomo.tv\)](http://slomo.tv)