



Forward Sports Titles



INFORMATION AND GRAPHICAL DESIGN
OF LIVE SPORTS BROADCASTS.
HARDWARE-SOFTWARE SYSTEM



Forward Sports Titles is a system for the graphical design of live sports broadcasts. It provides the real-time display of text and graphical information about the competition during the game: the score, game time, names and photos of players on the field, information about the teams and players, composition of the refereeing panel, etc.

It supports the following sources: a database, a stadium scoreboard or manual input. The title designs meet the current requirements of sports leagues for their respective sports: hockey, football, volleyball, basketball, martial arts, handball. Animated effects are also available.

The hardware-software complex includes a video signal input/output board (SD/HD/3G-SDI) and a software set. All components are designed and manufactured by SoftLab-NSK. The system contains tools for managing the sports titles database, modules for stadium scoreboard integration, graphical templates for title overlays, as well as tools for managing the output of titles.

The system is supplied as a turnkey video server running on Windows. It allows you to overlay titles onto a passing video on the server or work in the Fill + Key mode and overlay titles using an external mixer. One video server can be used to overlay titles over different sports competitions.



The **Forward Sports Titles** system is used when conducting live broadcasts of sports competitions and is used at the workplace of the graphical design operator. With the help of the system, all of the tasks for preparing and managing sport titles in real time can be managed in one place.

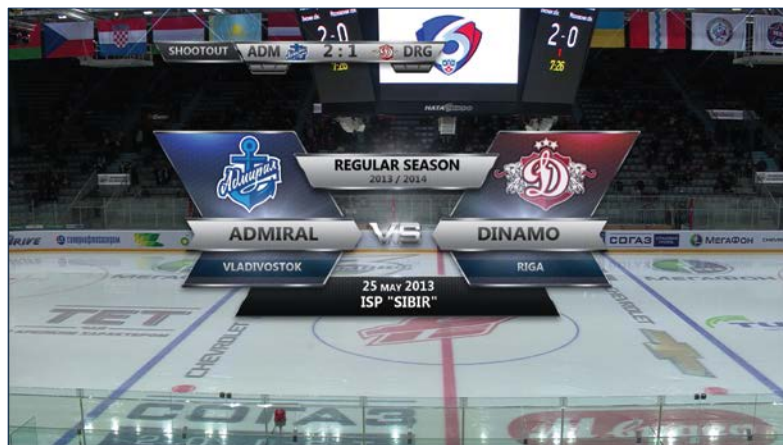
The system includes overlay templates and tools to maintain the competition database.

Before the game, the Forward Sports Titles operator will upload up-to-date data about the teams, players, coaching staff, and the refereeing panel to the server. The data can be sourced from a website, from a local file, or entered/edited manually.

During the competition the server automatically registers information from the stadium refereeing system. The operator can add any missing data manually. The server loads the current statistics, text strings, photos and other data into the title's graphical templates. At any moment of the game, the operator can, at the click of a button, prepare up-to-date titles that correspond to the current game time and broadcast them.

The content of the video signal at the server output depends on the selected operating mode:

- full-screen video with title overlays – in mixer mode;
- Fill + Key signal with title overlays only – title overlay server.



An example of a graphical design according to the requirements of the KHL using Forward Sports Titles

We have taken care to provide the simplest possible interface for the operator's work in real time. Preparing titles is completed in one click and there is a clear indication they are ready for broadcasting. A single click of a button is also enough to overlay or hide the graphics. There are regular and emergency modes for hiding titles. The system interface, including the composition and location of the title control buttons, is customizable.



Each sport has its own version of the system, which meets the requirements of the sports league regarding the information contained within and the design of the titles and corresponds with the competition rules. These modifications are available for the following sports: hockey, football, volleyball, basketball, martial arts, handball.

MAKE SURE TO CHECK OUT OUR OTHER PRODUCTS:

- **Forward TT** for overlaying titles onto a passing video signal (not limited by the framework of sports competitions);
- **Forward Goalkeeper** for multichannel recording and slow motion replays in live broadcasts of sports competitions and other events;
- **Forward Office** for the storage and management of media content, media planning.



Product Modifications

Select the required modification of the **Forward Sports Titles** product by choosing a sport and a design option for it. If necessary, multiple plugins for different sports can be installed onto one video server.

The following modifications are currently available:

- hockey – Design Pro, current KHL requirements;
- hockey – Light, original design;
- football – Light, original design;
- basketball – Design Pro, current FIBA requirements;
- basketball – Light, VTB League requirements;
- volleyball – Light, CEV requirements;

- volleyball – Light, original design;
- handball – Light, original design;
- MMA – Light, original design;
- boxing – Light, WSB requirements.

A custom modification can also be ordered.

All system modifications fully meet the requirements of their respective sports leagues in terms of content and volume of information, competition rules, title design, etc.

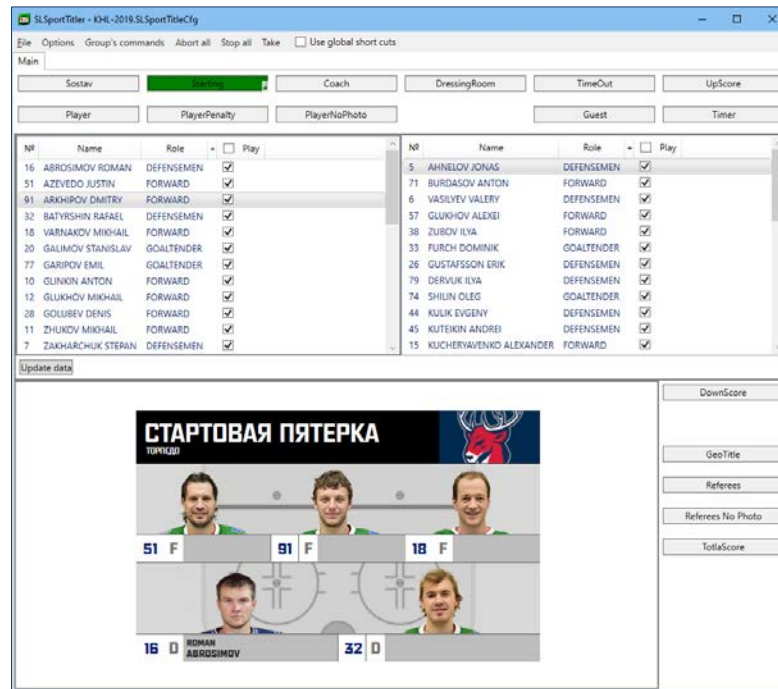
For the Design Pro modifications, their design meets the requirements of the current technical regulations of the league exactly and must be updated if those requirements change.



System Features

The system software includes modules and sets of files necessary for preparing and managing the display of sports titles:

- modules and database tables for working with information about the competition;
- a set of graphical files with title designs;
- modules interaction with the stadium game board (match controller);
- modules for receiving, processing and generating a video signal with title overlays;
- system operator interface.



System operator workstation. Interface for managing the display of titles during KHL hockey matches



System Features

A **Forward Sports Titles** server provides the following functions:

- management of the competition database (DB):
 - data storage;
 - filling in and updating the database using external sources: from the league website, from files;
 - manually entering data into the database;
 - setting up the current version of the data for a game;
- input and registration of dynamic game information – the current period number, score, game time, additional game statistics:
 - in manual mode;
 - automatically from the stadium referee system;
- combining graphics and game information at the touch of a button – automatic loading of data into graphical templates;
- control of title display: preview, start, stop, update.



Stadium Equipment Integration

Match controller integration is supported:

NATA-INFO, Araneus, NG-Light, LedBow, Swiss-Timing, PALAMI, Nautronic, Stramatel, Dian and others.





Product Set

The **Forward Sports Titles** system is supplied as an assembled video server. The product includes:

- a system unit in a SuperMicro 4U case with Microsoft Windows 10 Pro 64Bit OS installed;
- a video input/output board (SD/HD/3G-SDI);
- a set of cables for connecting video and audio signals;
- the preinstalled Forward Sports Titles software.

Purchase

To purchase a product, please contact the Sales department of SoftLab-NSK or our official dealers.



Multichannel +7 (383) 363-04-62



sales@softlab.tv, order@softlab.tv

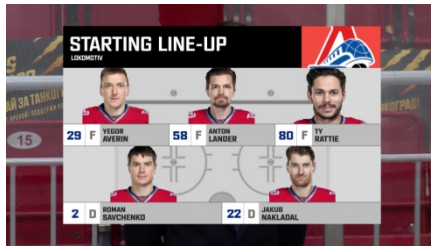


Our Clients

 KONDOPOGA STATE COLLEGE OF THE OLYMPIC RESERVE	 HC SIBERIAN SNIPERS NOVOSIBIRSK	 BC LOKOMOTIVE NOVOSIBIRSK	 OTS TV CHANNEL NOVOSIBIRSK	 HC AVANGARD OMSK	 HC AVANGARD HOCKEY ACADEMY OMSK	 HC SPARTAK SOKOLNIKI MOSCOW	 HC DINAMO BALASHINA MOSCOW	 VC URALOCHKA EKATERINBURG	 HC AVTOMOBILIST EKATERINBURG	 BC UGMK EKATERINBURG	 HC TORPEDO NIZHNY NOVGOROD	 HC SOCHI SOCHI
 HC UGRA KHANTY-MANSIYSK	 HC SALAVAT YULAYEV UFA	 HC LOKO-2000 YAROSLAVL	 HC NEFTYANIK ALMETEYEVSK	 HC CHEKHOVSKY MEDVEDI CHEKHOV	 ICE PALACE CRYSTAL YUZHNO-SAKHALINSK	 CHILDREN OF ASIA YUZHNO-SAKHALINSK	 HC ZAURALYE KURGAN	 HC JUNIOR KURGAN	 HC TOROS NEFTEKAMSK	 HC NEFTECHMIK NIZNEKAMSK	 HC BURAN VORONEZH	 ICE PALACE ARENA MYTISHCHI MYTISHCHI
 ICE PALACE OF SPORTS NIZHNY TAGIL	 SOUTH DRIFT LEAGUE KRASNODAR	 OTV TV CHANNEL CHELYABINSK	 VOLEYBALL CENTER SAINT-PETERSBURG KAZAN	 HC KRISTALL SARATOV	 HC DINAMO MINSK, BELARUS	 ICE PALACE GRODNO BELARUS	 TARASOV ICE PALACE YELETSY	 HC ASTANA NUR-SULTAN KAZAKHSTAN	 HC ARISTAN TEMIRTAU KAZAKHSTAN	 HC TORPEDO DSKEMEN KAZAKHSTAN	 HC PIRATI CHOMUTOV CZECH REPUBLIC	 ICE PALACE TULA
 HC «METALLURG» NOVOKUZNETSK	 FETISOV ICE PALACE BOBROV	 OTV CHANNEL YUZHNO-SAKHALINSK	 PARA ALPINE SKIING YUZHNO-SAKHALINSK	 ICE PALACE ARENA NORTH KRASNOYARSK	 LESGAFT NSU OF PHYSICAL EDUCATION, SPORT AND HEALTH SAINT PETERSBURG	 ARENA-2000 LOKOMOTIVE YAROSLAVL	 HC SIBERIA NOVOSIBIRSK	 ICE PALACE SURGUT SURGUT	 HC VITYAZ PODOLSK	 Северсталь HC SEVERSTAL CHEREPOVETS	 САМАРА АРЕНА SAMARA	
 PLATINUM ARENA KRASNOYARSK	 HC DIMITROV MOSCOW REGION	 HC CSK VVS SAMARA	 HC KHIKIM VOSKRESENSK	 HC «MOLOT» PERM	 HC «ADMIRAL» VLADIVOSTOK	 ANNA BOGALIJ CUP NOVOSIBIRSK						



External Links



[“Forward sport titles”. Playlist with examples](#)

[Example of graphic design for broadcast of basketball using “Forward sport titles”](#)

SoftLab-NSK basketball titles in the live HD broadcast of the Euroleague Women's Basketball match: teams UMMC (Yekaterinburg) – MCB (Belgium), November 5, 2015.