EXPRESS - TITLES
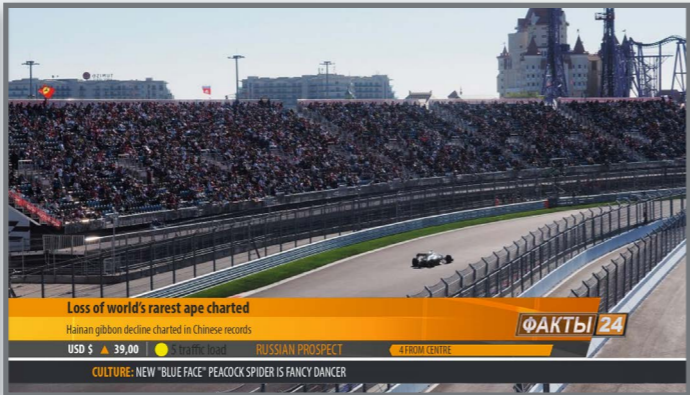
REAL-TIME TV GRAPHICS FOR NEWS BROADCASTING AND CHANNEL BRANDING

Express-Titles - graphics workstation for template creation for graphics and information playback: TV news, «Live», HD/4K Giant screens, weather forecasts and schedule boards, etc.

Control panel

Simple and reactive GUI to control all graphics templates. Playback of all compositions using mouse button, hot keys from keyboard or by commands from automation systems.
Database of News Data sources sections.

Template designer

Preparation and rendering of graphics templates using graphics sequences and internal functions. Quickly correction of templates during the transmission. Comfortable GUI and timeline for effects creation and its trimming.

Database

Creation and editing of internal database on different sections, allows to add necessary amount of rows and columns to table and to format table information, using text and graphics data.
Database storage in *. xls format.
Multilanguage (unicode support).

Automation

Playback of graphics compositions up to schedule of Express-Titles or by connecting to automation system in control room through CII/Oxtel protocol and other. VANC reader option provides automatic control of graphics composition playback on the air on VBI SCTE104 commands.

Supported systems:
• **PebbleBeach** • **AVECO** • **Harris**

Supported protocols:
• **CII** • **Oxtel** • **MOS** • **VBI SCTE-104**

NewsRoom interfaces:
• **Dalet** • **Octopus** • **iNews**

Information content

Manually added or automatically received data from different sources such as NewsRoom, external databases, on-line web sites, etc. Connection to temperature sensors.

Data sources:
• **NewsRoom** • **xml sources**
• **Temperature sensors**

Dictionary and spell checking

A spell checking option verify all used words in a database and in a text objects of template editor and in case of mistake offers new correct word. It uses internal dictionaries and allows to create a user's dictionary with most usable words.

Supported types of character encoding:
• **ISO8859-1** • **UTF-8** • **KOI-8r**

TV bridge

«Picture in picture»

Formation of several scale «live» video windows with video files or external SDI sources. Multi codecs, supports alpha-channel video. Possibility to add transformation and border effects.

Voting

«Rating» and «Metropole»

Graphical rendering of voting results in pie or chart diagrams. Connection to voting systems by Metropol software and updating data in real time.
2D and 3D diagrams mode with different functions of its transformation.

Information crawls for hard of hearing

Up to three news crawls with data from NewsRoom, on-line sources or static text files.
Text editor with spell checking and text duration adjustment.
Adding of crawl background.
Manually on air crawl speed correction
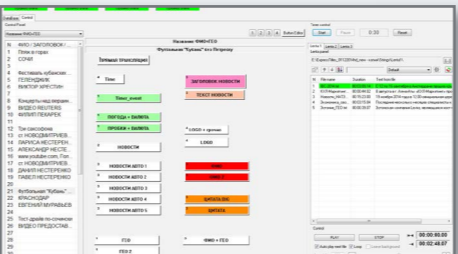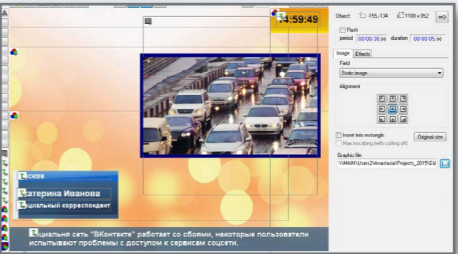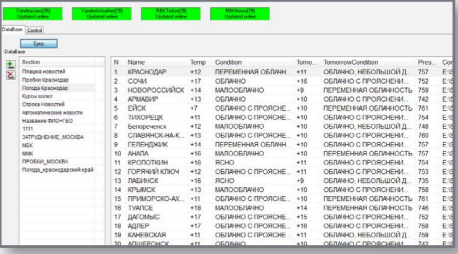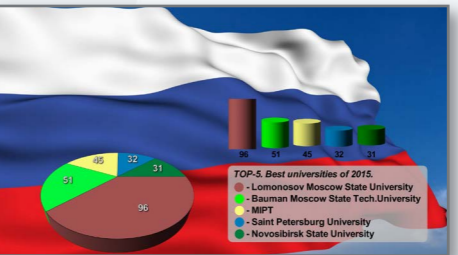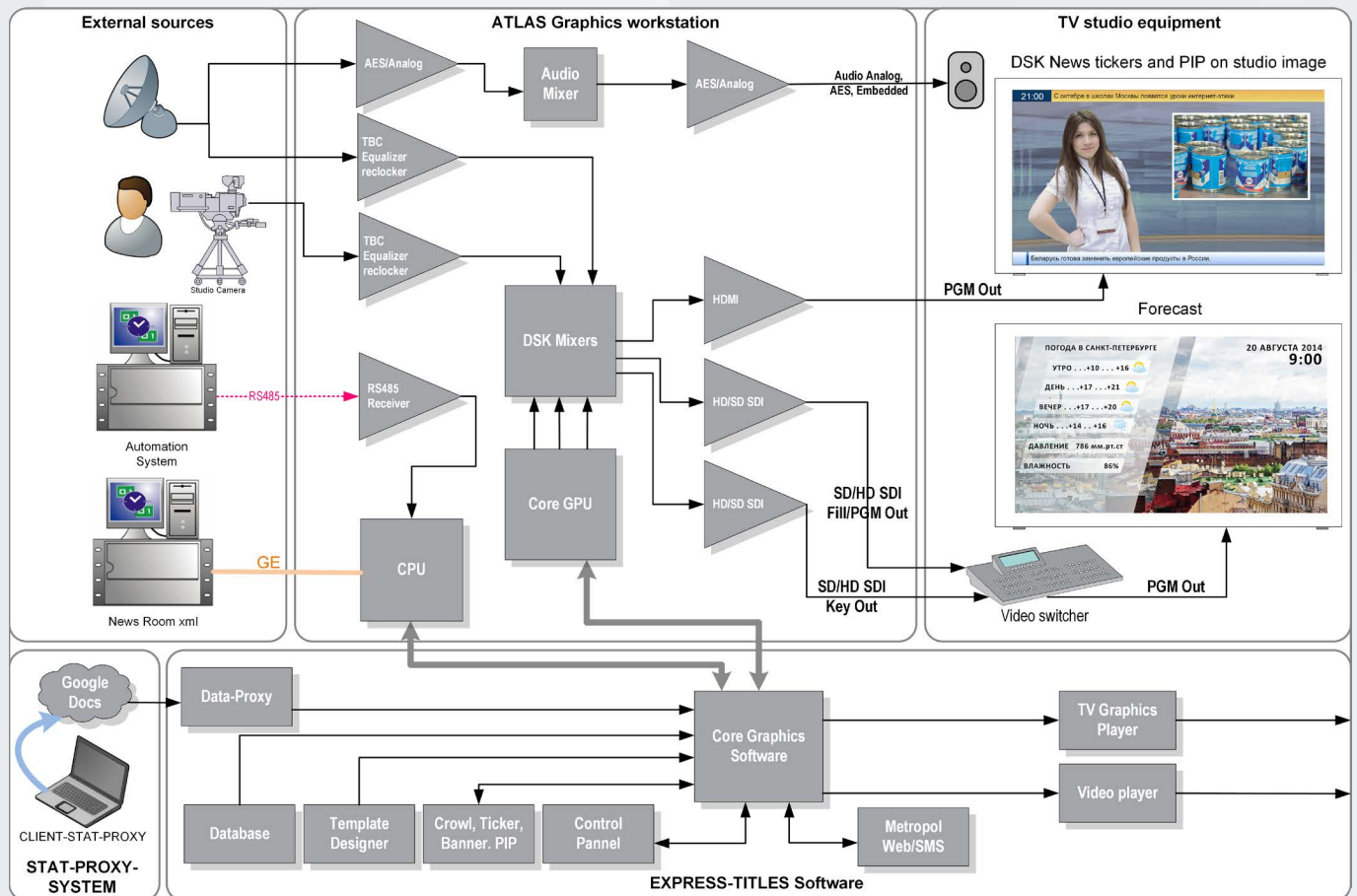

Our clients:

• «100TV» • «RBK-TV» • «Belteleradiocompany» • «Zvezda» • «NTK»
• «Ugra» • «ONT» • «1M.TV» • «Saint-Petersburg»

«Russian children and youth TV channel «Karusel» expresses gratitude to all INTV personnel for help in organizing hidden subtitling system.»
N.A.Dubovoy, General manager.

Additional options:
• Time, data, countdown timer up to event
• Audio player with synchro-start of graphics templates
• Four channel graphics
• Automatic receive of exchange rate
• Yandex.Weather and Yandex.Traffic data collection
• News crawl data automation

TECHNICAL SPECIFICATIONS

System configuration	Windows 7 Pro 64-bit Intel Core i7 16 Gb RAM PSU hot swap	**Audio**	Analog balanced Digital (embedded, AES) Stereo input-output 48 kHz, 24 bit
Video interfaces	CVBS YUV SDI HDMI IP - SMPTE 2022-6	**Synchronization**	Black Burst PAL Tri-Level
		Video card work mode	Fill+Key «Transit» (with relay bypass)
Supported standards	625i50 720p50 1080i50 1080p25 1080p50/60 UHD-4K	**Interfaces**	GPI/Tally RS 232/422/485 Ethernet, LTC
		Dimensions	4RU 440 x 176 x 560, 20 kg 2RU 440 x 88 x 710, 25 kg Laptop, 8 kg

CONTACTS

INTV Co. Ltd

10-D Kamennoostrovsky Prospect, 30-N, Saint-Petersburg, Russia, 197101.
Tel: +7 (812) 922-37-92. E-mail: info@intvco.ru. Web: www.intvco.com.