INTV
INNOVATIVE TELEVISION SYSTEMS

EXPRESS-TITLES

REAL TIME TV GRAPHICS FOR NEWS BROADCASTING IN SD AND HD

Graphic workstation EXPRESS-TITLES is using for template creation for graphic and information broadcasting: TV news, live broadcasting, weather forecasts, etc.

MAIN CAPABILITIES

– Creating and editing of database on different sections: cities, studio guests, exchange rates, weather, etc.

– Import data into database from official sources (NEWSROOM, data system, external database, Internet, etc).

– Creating and editing of graphics templates for TV broadcasting.

– Realtime creating and playback of 2D compositions.

– Customization of GUI (graphic control interface): creating of control buttons, logic groups, adjustment of position, size and colour.

– Autofill of graphics compositions from the database.

ADDITIONAL CAPABILITIES

– "PIP" function (picture in picture).

– Support of MOS-protocol and XML data format.

– Output to the air up to three news tickers.

– SMS and phone voting system with diagram results playback to the air.

– GPI and VBI STCE104 comands for control of TV news graphic playback.

– Remote control unit (RCU) for reactive playback of TV news graphic.

– Jingle player with synchro-start of titles and graphic compositions.

– Support of HD/SD formats.

SPECIFICATIONS

– **ATLAS workstation:** Windows 7 32/64-bit, Intel Core i7, 16Gb/ Interfaces - GPI, LTC, RS232/422/485. Standard of text encoding - UniCode.

– **Video interfaces:** BM DeckLink 4K Extreme, BM DeckLink SDI 4K, Matrox, AJA for connection to air studio and OBVan. Graphics output in the TV standard (Fill&Key signals).

– **EXPRESS-TITLES Software:** DataBase, Control panel, Graphics template designer, News crowl and ticker editor.

DataBase.

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.

GUI Control panel.

Elements field.

Comfortable GUI (graphic control interface), customization of control buttoms position, size, colour, "Hide" function.

Field of countdown timer.

Crowl and News ticker control panel.

Graphics template designer.

Multilayer composing.

Adding to composition text, animation, graphic elements, rectangle, element "ticker».

Feature setup for every element.

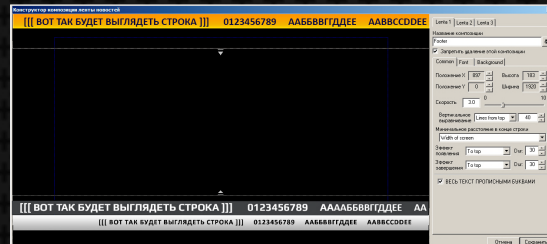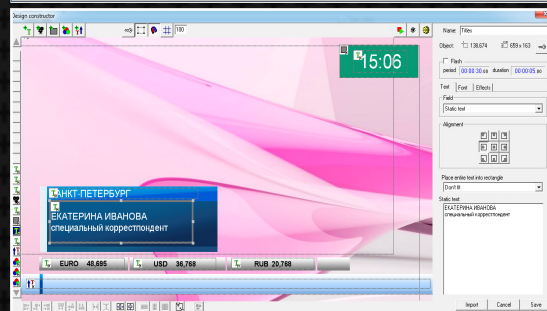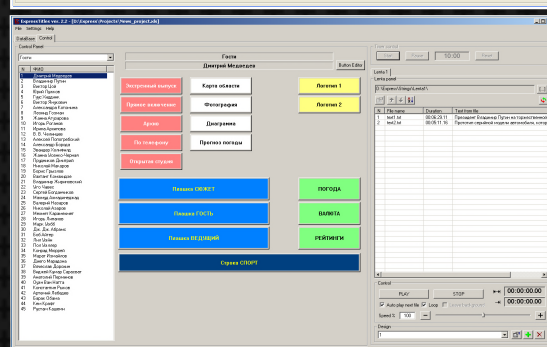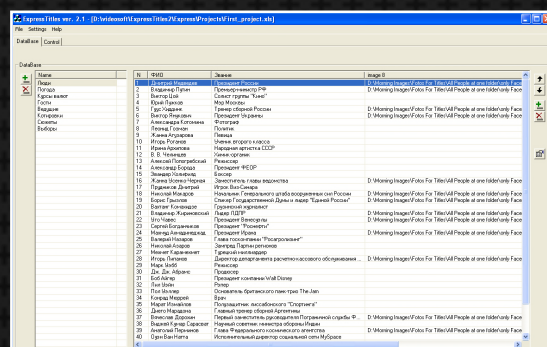Alpha channel control from 0 to 255 for every graphic layer.

2D effects, emerging time delay, effects, crowl speed.

Crowl editor.

Editing of crowl playback: position, speed, in and out effects, verticacal text alignment.

Editing of text parameters.

Adding of crowl background.

– **AUTOMATION-PROXY** program option.

Control of graphic composition output from broadcast avtomation systems Harris, AVECO, Pebble Beach, etc, through Chyron Intelligent Interface (CII), Oxtel, etc.Pebble Beach и других, через протоколы управления Chyron Intelligent Interface (CII), Oxtel.

– **DB-PROXY** program option.

Provides integration with external databases, located on NAS.

– **VOTING-PROXY** program option.

Provides integration with systems of collecting statistics data (phone/sms voting).
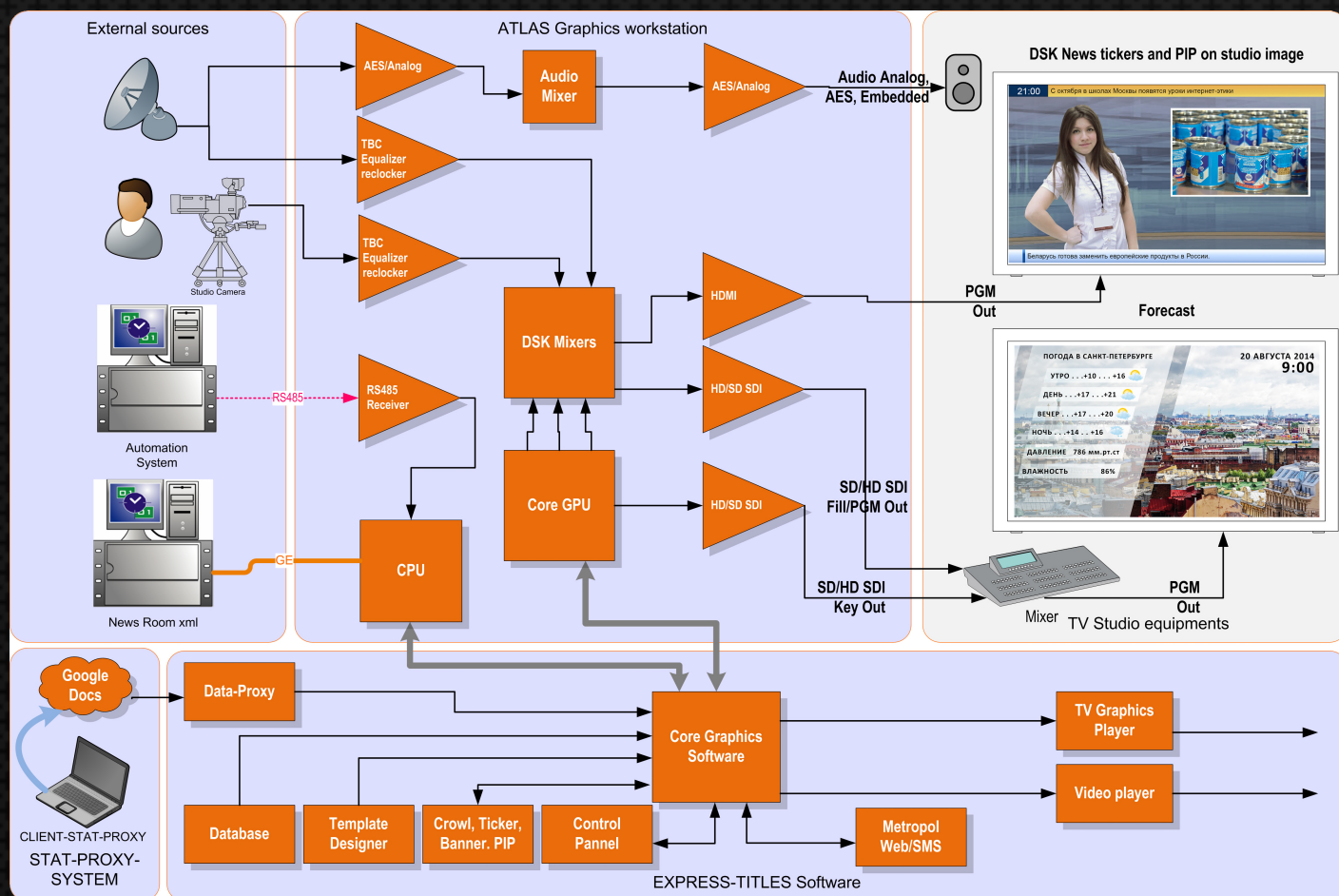
– **VANC-READER** program option.

Provides automatic control of graphics composition playback on the air on VBI SCTE104 commands.

– **PIP-PROXY** program option.

Provides picture in picture effect.

EXPRESS-TITLES WORKSTATION STRUCTURE

TECHNICAL SPECIFICATIONS

Supported standards: SD - 625i, 525i / HD - 1080i 50/60, 1080p 24/25, 720p 50/60, HDMI - 1080p/4K.
System configuration: SDI video interface with embedded 10-bits DSK, PC Win'7 32/64-bit, i7 /
RAM16GB / HDD System / 2xHDD RAID / RJ45 1GbE / Interfaces RS232, Rs485, GPI / Hot Swap PSU.
Input video signals. PGM In: SD-SDI - SMPTE 259M, HD-SDI - SMPTE 292M, Sync Black Burst PAL,
Tri-Level Sync.
Output video signals. Fill, Key, PGM Out: 2xSD-SDI - SMPTE 259M, 2xHD-SDI - SMPTE 292M, HDMI.
Audio interface: Analog balanced (XLR) and digital (Embedded, AES) stereo - input and output.
Relay bypass.
Dimensions: 4RU 440 x 176 x 500;
                 3RU 440 x 135 x 550.
Weight: 20 kg.

EXAMPLES