SOFTLAB-NSK has been developing software and hardware for TV production and broadcasting for more than 25 years. We provide cost-effective solutions for TV companies with any budgets. More than a thousand TV stations in more than thirty countries successfully use our solutions. We have over 50 dealers all over the world, including China, Indonesia, Hong Kong, India, Hungary, Czech Republic, Romania, Malaysia, Thailand, Vietnam and others.

OUR MAIN PRODUCT LINES:

- **Forward T** — a "Channel-in-a-Box"
- **Forward Splicer** — for digital ad insertion
- **Forward Goalkeeper** — slow-motion replay systems for live events
- **Forward Sports titles** — CG overlay systems for live sport events
- **Focus** — affordable virtual 3D studios
- **All¹Mix** — software live production studios

"CHANNEL-IN-A-BOX" SOLUTIONS

Forward TA

Software and hardware set for analog or SDI signals. Main features:

- both **scheduled** and **manual** control and control by external **GPI** events;
- **a single schedule** can include **any commands** — movie playback, live switching, logo on/off, CG overlay, external device control and many other;
- smooth playback of movies with **different formats and compression** types (AVI, TS, MP4, FLV, MKV, etc.);
- **multilayered animated graphics** with alpha channel — logo, crawl line, banner, PiP, web-cameras, current time, air temperature, QML and Flash-animation, SMS-chat and many others;
- **automatic advertisement insertion** via different types of trigger signals (DTMF, set of audio or video jingles, teletext, SCTE);
- **video recording** from any input/output;
- audio level normalization.

Forward TP

Forward TA with an additional feature — time-shifted rebroadcasting.

Forward TM

limited edition for constant time-shift only.

Forward TT

limited edition for CG overlay only.

Forward TS

Software and hardware set for digital TV (MPTS/SPTS over IP/ASI). The same features as **Forward TA** with additional features — SD/HD/4K MPEG2/AVC/HEVC compression with NVEnc or Intel Quick Sync Video support.

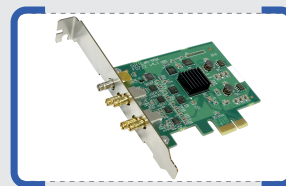## All products are based on I/O boards of our own design — FD322, FD722, FD788.

Each board can work in single-channel or multi-channel mode. Different boards allow you to build systems with the same functionality for any kind of broadcasting signals (analog, SDI, ASI, IP) and for any video format from SD to UHD.
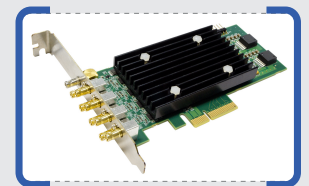
FORWARD

FD322
2 Analog IN + 2 Analog OUT

FD722
2 SDI IN + 2 SDI OUT

FD788
up to 8 SDI IN/OUT

ADVANTAGES

- Free testing of the board and software
- Free software updates
- Free technical support
- Flexible, expandable solutions
- Friendly interface, easy to use
- Free SDK
- And more

The reliability of the 24/7/365 operation is confirmed by our customers. More than 27,000 licenses have been sold worldwide

ALL¹MIX – AN INTEGRATED SOFTWARE PACKAGE FOR LIVE TV PRODUCTION STUDIOS

- Up to 8 external input media sources
- Multichannel digital media playback
- Professional processing
- Multiscreen
- PTZ camera control
- Expandable set of transitions and special effects
- Up to 8 layers of separately managed overlays

- Multilayer title-graphic compositions
- Playlists for media files, live broadcast etc.
- Three-dimensional real-time virtual studio media source
- Hardware consoles in addition to the software interface
- Recording and network broadcasting
- Two independent hardware outputs

TURN YOUR PC INTO A TV PRODUCTION STUDIO!

I/O boards of our own production (FD322, FD722, FD788) and boards from other manufacturers – Blackmagic Design, Yuan, etc. are supported. IP streams (including NDI) are also supported for input/output. Hardware acceleration is used for encoding/decoding and image processing.

All¹Mix now available in two configuration: **Standard** ($1200) and **Base** ($600).
All¹Mix Base does not include 3D Virtual sets (only 2D Graphics compositions with chromakey); no titles animation, and external texts (text tables); no playlists; no user transitions; only one hardware output available.

Free full-function demo version (with watermark) is available on http://www.d-graphica.com/downloads/?lang=en