

FRAMEFORMER LIVE



What we do

InSync Technology



HIGH QUALITY VIDEO CONVERSION

Format, ARC, SDR/HDR, colour space, retiming, frame rate conversion



FLEXIBLE FULFILMENT

Turnkey hardware appliances, IP cores, software applications, integrations (API) & plugins



BASED : PETERSFIELD UK

InSync was founded in 2003 and has been employee-owned since 2013

More about



InSync are specialists in the development of highly efficient signal processing and standards conversion products, with a focus on motion compensated frame rate conversion.

What we do

Hiscale



SCALABLE MEDIA PROCESSING

Specializing in developing video workflow and transcoding solutions.



LATEST TECHNOLOGY

This ensures that our solutions meet the rigorous demands for rapid implementation and cost-efficiency.



BASED : COLOGNE

Hiscale was founded in 2014 and has offices in Cologne and Wiesbaden, Germany.

More about

hiscale

Hiscale designs and develops high-performance, scalable software products for the expanding markets of video preparation, conversion and distribution.

FRAMEFORMER LIVE

Do you offer **LIVE** event production in the cloud?

Do you prepare content for **LIVE** distribution to a global marketplace?

Do your clients need **LIVE** remastering of archive content?

Do you require a software conversion solution running on standard IT servers?

Would you like flexible licensing for fast scaling of services including pay-per-use?



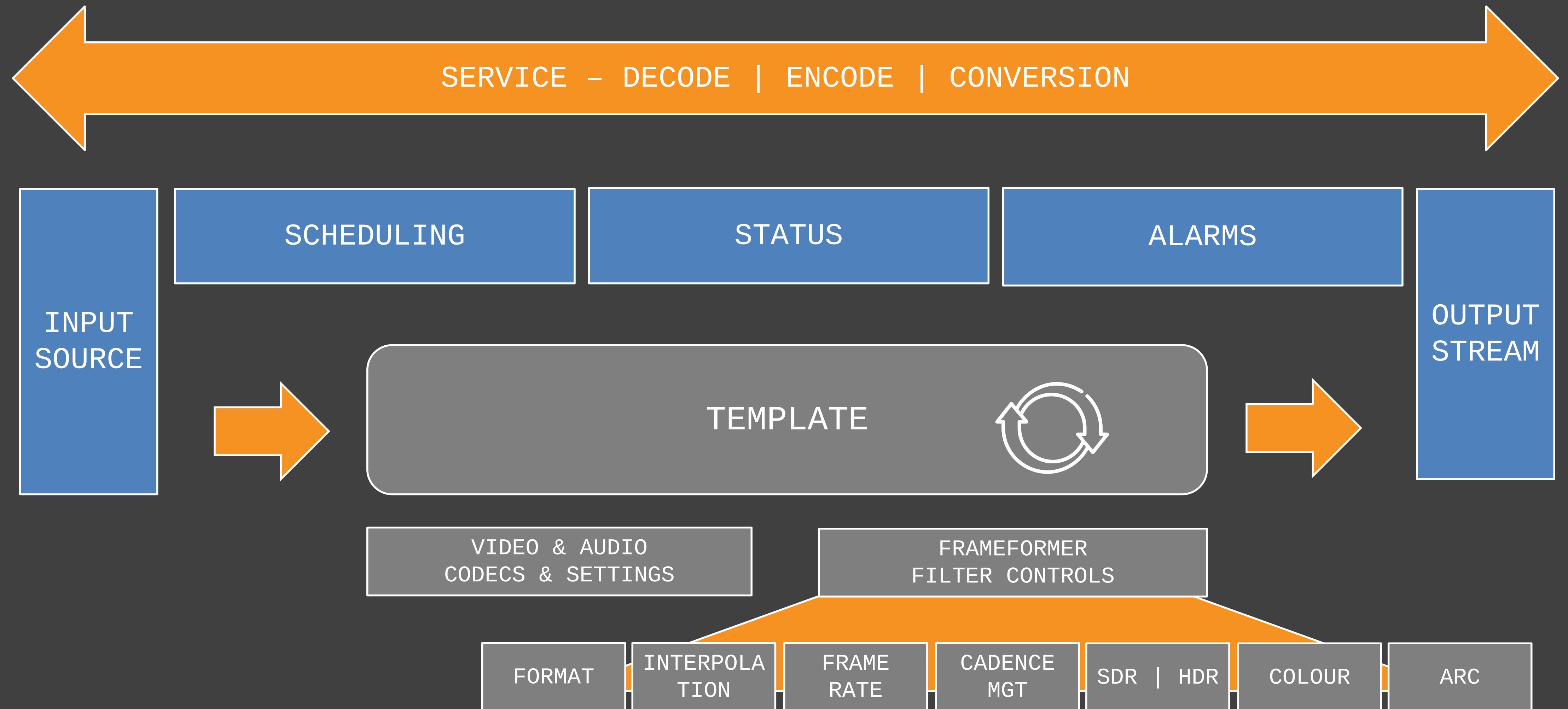
FRAMEFORMER LIVE

FRAMEFORMER LIVE IS ...

- Software based motion compensated frame rate conversion application for **LIVE** content
- Special edition of Hiscale FLICS LIVE incorporating InSync FrameFormer
- Sold in one or two channel configurations as standard
- Based on recommended IT hardware configurations and cloud compute instances



FRAMEFORMER^{LIVE}



FRAMEFORMER LIVE

FEATURING ...

- Control, monitoring and configuration via web UI
- Conversion service – templates | status | stream IO | backups | scheduling | alarms
- Support for SD, HD and 3G video streams
- Support for IP based streaming protocols (SRT, RTMP, HTTP, TS over RTP/TCP/UDP)
- Support for ABR output streams (MPEG DASH, HLS) **option**
- Support for streaming codecs (H264-AVC, H265-HEVC, MP2)

FRAMEFORMER LIVE

FEATURING ...

- FrameFormer filter
 - Part of template configuration – video | audio | filters
 - Deinterlace, ARC, HDR
- Other filters
 - Logo and timecode insertion | subtitle overlay | color adjustment | animation overlay

FRAMEFORMER LIVE

FEATURING ...

- Audio handling (AAC,MP2,MP3,Opus, pass-through) , channel remapping
- 708 captions pass-through, reinsertion, overlay
- SCTE-35 ad insertion handling
- User guides | RESTful API inc documentation

FRAMEFORMERLIVE

FRAMEFORMERLIVE2.3.2938_beta

CONTROL

DASHBOARD

CHANNELS

CONFIG

POOLS

STORAGE

TEMPLATES

ALARMS

USERS

SYSTEM

LICENSE

IMPORT/EXPORT

LINKS

DOCS

API

LOGGING

Flics

Home > Dashboard

ACTIVE CHANNELS0 / 4

SCHEDULED EVENTS0

ALARMS0 within last hour

LICENSEValid

CPU2%

TOTAL MEMORY4G

NETWORK IN0.16 Mbps

NETWORK OUT0.66 Mbps

SYSTEM EVENTS

TYPE	LEVEL	TIMESTAMP	TITLE	MESSAGE
Create		12/7/2020 10:03:05 AM	JS TEST	Task modified via API
Create		11/5/2020 4:00:18 PM	JS TEST	Task modified via API
Error		11/4/2020 11:29:34 PM	JS TEST	Worker process exited with status 0, signal 9 (Killed)
Change		11/4/2020 11:28:22 PM	JS TEST	Task status changed to InProcess
Change		11/4/2020 11:28:21 PM	JS TEST	Task status changed to Probing
Change		11/4/2020 11:28:12 PM	JS TEST	Task status changed to Preparing
Create		11/4/2020 11:28:01 PM	JS TEST	Task created via API

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API

LOGGING

Home > Configure Transcoding Templates

Filter

ALL (1)

JS TEST

JS TEST

Copy ID

Edit

NAME

JS TEST

Template name

FRAMEFORMER

VIDEO (1)

AUDIO (1)

FILTERS (0)

Live Framerate Conversion

INTERPOLATION MODE

Motion estimated

Temporal interpolation mode

OUTPUT

WIDTH

1920

Output width

HEIGHT

1080

Output height

FRAME-RATE

29.97

Video framerate

N

30000

Numerator

D

1001

Denominator

SCAN

INT_TFF

Output field order

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Filter

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ALL (1)

JS TEST

JS TEST

Copy ID

Edit

INPUT MODE

NONE

OUTPUT MODE

NONE

INPUT PHASE

AUTO

OUTPUT PHASE

AUTO

COLOR

INPUT

AUTO

Override input color space

OUTPUT

AUTO

Output color space

INPUT TRANSFER CHARACTERISTICS

SDR

OUTPUT TRANSFER CHARACTERISTICS

SDR

DETAIL

HORIZONTAL

0.5

1

1.5

Set smaller than 1 to soften or higher to sharpen image

VERTICAL

0.5

1

1.5

Set smaller than 1 to soften or higher to sharpen image

ASPECT

PRESET

Select

FRAMEFORMER LIVE

Would you like to know more?

Contact us: enquiries@insync.tv