IKUSI
velatia

*smart*experience

IN IN

ikusiflow

The first TV Smart
Headend

Multistandard

Ikusi Flow adapts to your present
and to your future

**Content driven
Manages content and
not technical parameters**

User friendly interface which
minimizes configuration time

IN OUT OUT SEC SEC ENC ENC

HDMI A HDMI A
HDMI B HDMI B
HDMI C HDMI C
HDMI D HDMI D

SAT5 SAT6 SAT7 SAT8 TV TEST TV OUT

Double secure

Premium content always protected
by including DRM protection

**High density
Small footprint per channel**

Capable of processing more than
200 SD services or 120 HD services

**No need for
additional licenses**

PSU
HUB
IN
IN
IN

IKUSI
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TV1
TV2

T/C1
T/C2
SAT1
SAT2
SAT3
SAT4

**One platform for
all your TV needs**

Designed to convert any TV input
into any TV output standard

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FLOW IN (Ref. 4306) y **FLOW IN4** (Ref. 4319)

Input module. Frontend.

. Double tuner. Universal Input module DVB S/S2/T/T2/C.

. Auto Scan: Discovers all the services in the cables.

. HOT SWAP without reconfiguring manually.

FLOW ENC (Ref. 4315)

Encoding module.

. Encodes 4 x HDMI input signals.

. H.264 MPEG-4 or MPEG-2 video compression.

. Full HD quality.

. Up to 40 x HDMI inputs in 4RU space.

FLOW HUB (Ref. 4314)

Control unit of the platform.

. Complete internal management .

. Connected headend: Ikusi Flow wifi and LAN access. Local and remote management.

. Guided installation through a wizard.

. 2 Gigabit Ethernet ports for IP Multicast services.

. Spare modules support for redundancy.

FLOW BASE (Ref. 4312)

Chassis of the platform.

. "Self-assembly" chassis.

. 19" rack and wall mounting with the same chassis.

. Installation without tools or accessories.

. Real 4 RU (including wires passing).

FLOW COVER (Ref. 4316)

Ventilation cover for the platform.

. Magnetic attachment system with triple function: securing the cover to the chassis, electrical connection and fans speed auto-management.

. 5 fans per cover.

. New noiseless fans generation based on magnetic technology, without rubbing or friction.

FLOW SEC (Ref. 4311)

Security management module.

. Decrypting function (CAS) and re-encrypting function (DRM).

. 2 x CI slots per module.

. Manages streams coming from any input and going to any output ("uncoupled" input, CAM and output).

. CAM restoration in case of decryption failure.

. Supports up to 16 SPTS per CAM (up to 32 SPTS per module).

FLOW OUT (Ref. 4313)

Output module. Backend.

. Quad Universal and Multistandard output module DVB-T & DVB-C.

. Four carriers in 8K.

. Up to 8 SPTS per carrier = up to 32 SPTS per module.

. Output level: 78 to 108 dbuV.

FLOW PSU (Ref. 4308)

Power supply for the platform.

. More efficiency: Half-Bridge topology.

. Thermal protection (to protect against external cooling failures.

. Power factor corrector.

Redundant power supply module (FLOW RPSU REDUNDANT).

The FLOW RPSU REDUNDANT provides the power required for the most exigent headend, ensuring uninterrupted power in the event of failure of one of the two available power supplies. The damaged power supply can be changed without disconnecting the headend from the power.

The FLOW RPSU REDUNDANT integrates two identical power suplies in a 1RU (rack unit) chassis.

FLOW RPSU REDUNDANT (Ref. 4320)

Redundant power supply.

. Ensuring uninterrupted power in the event of failure of one of the two available power supplies.

. The damaged power supply can be changed without disconnecting the headend from the power.

. Integrates two identical power suplies in a 1RU (rack unit) chassis.

FLOW STB (Ref. 1050)

Set-Top-Box to be integrated with FLOW DEVICE MGR.

. High Quality Sound and Image.

. Quick Data Processing.

. Functions on Demand.

. Programmable remote control.
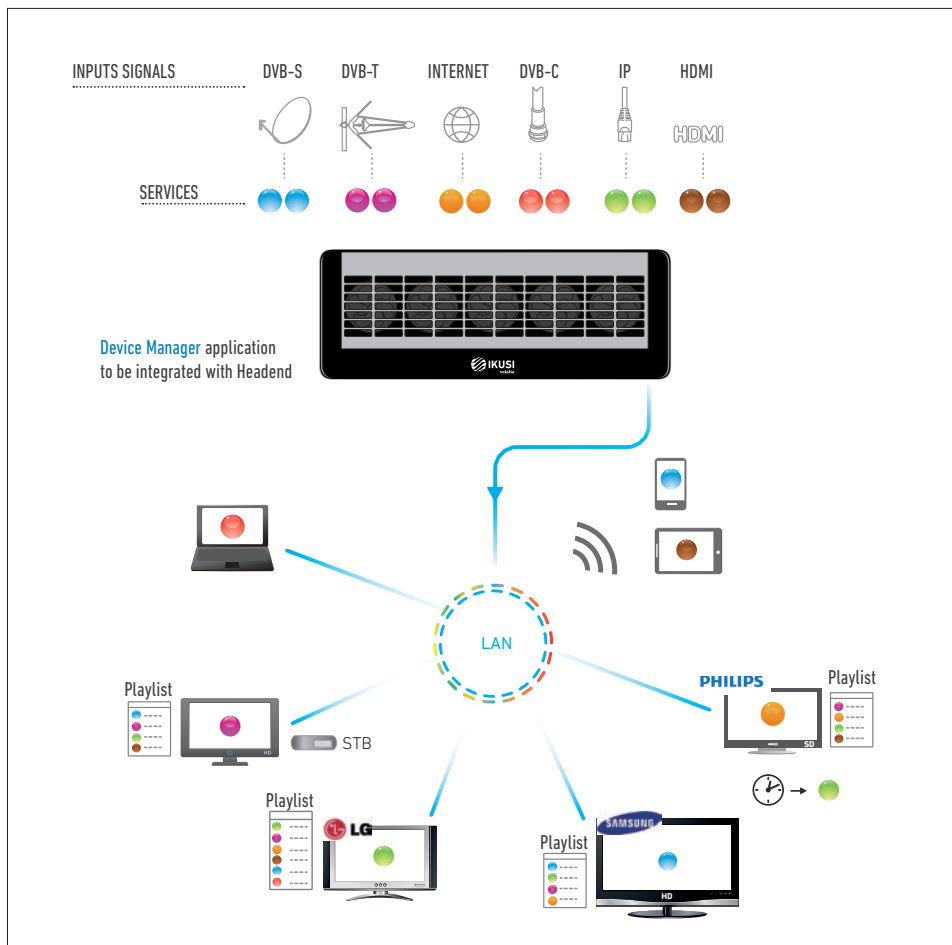
DEVICE MANAGER *NEW!*

Device Manager is the new Application integrated into Ikusi FLOW that offers management of the contents and of the devices on the IPTV network in a centralised way, allowing:

•Different lists to be made, offering the possibility of sending groups of content to devices either individually or in groups. It allows the contents available to be controlled on each of the televisions.

- The content that is to be reproduced on each viewing device (or multi-screen spaces) to be selected individually in a remote manner, allowing what is being reproduced at each viewing point to be managed and controlled.

- Televisions by the main manufacturers can be turned on, turned off and the sound controlled as on or muted. The list of available services can be allocated to groups or individual Televisions and channels can be remotely changed. The state of the Television can be viewed remotely as well as seeing what channel is playing.

Ikusi Device Manager is compatible with the main television brands:

PHILIPS   **LG**   **SAMSUNG**

Installation example

+45 years
of innovation

Over 60.000
hotels using Ikusi

Leaders
in Europe

Advanced TV Solutions for Hospitality

Ikusi is a pioneer in the development of solutions
for the digital processing of video and television signals.

Ikusi offers the most innovative product in the in-room entertainment sector.
These platforms can process different formats of video and audio to provide
a high definition output channel, offer premium content, IPTV,
and guaranteeing security of content.

We work with the largest Pay TV operators and hospitality integrators,
and we are associated with the main technological
leaders of the TV value chain.

Requests Your demo now!
http://ikusi.tv/en/headend-ikusi-flow

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