Suitcase TV

IPHRAME
MELDING IP AND SDI

INTRODUCING IPHRAME

Iphrame is a suite of software-based solutions that have been designed with the view that the move to IP needs to offer broadcast operations something more than simply replacing SDI in traditional architectures.

We recognise that a full-scale shift from SDI to IP seems callous and expensive. So we have developed iphrame, a range of solutions that combine IP with SDI in order to facilitate a simple and cost-effective

IPHRAME VISION

For companies seeking new methods of producing live broadcasts, iphrame Vision is a real-time production system that handles video, audio and graphics, effectively dispensing with much of the equipment and resources traditionally required. This is made possible because iphrame Vision can run on standard IT hardware from an entry-level PC right up to dedicated rack-mounted systems or cloud-deployed VMs. By reducing the amount of proprietary broadcast equipment used, broadcasters also save on the time it takes to set such systems up.

Iphrame Vision offers the capability of recording and encoding all inputs and outputs whether in IP, SD-SDI, HD-SDI, HDMI, or ASI. While the ability to record is a useful aid in resolving compliance issues, footage can also be repurposed for future use on-the-fly helping to maximise revenue.
transition.

IP and/or SDI
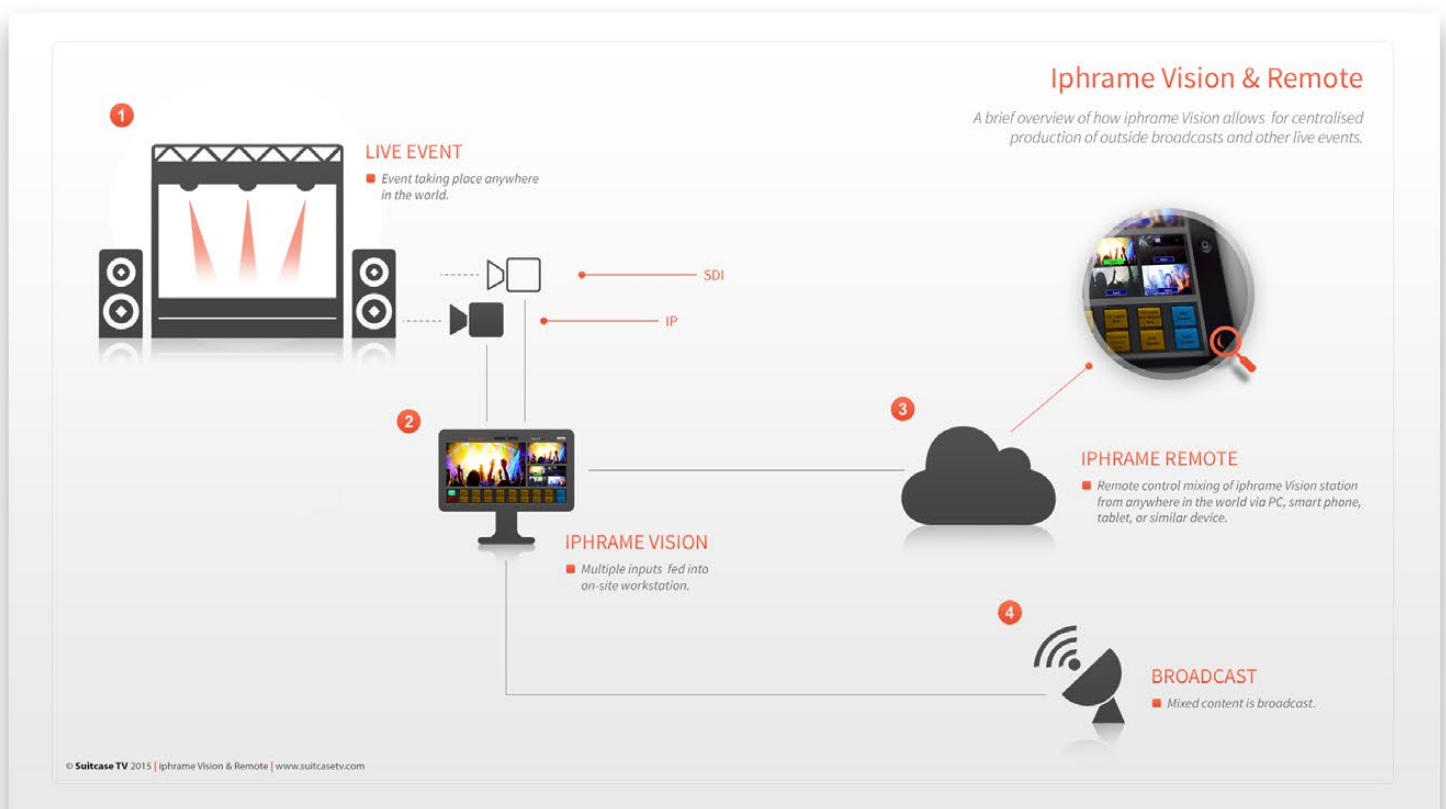
Minimal Latency

Highly Customisable
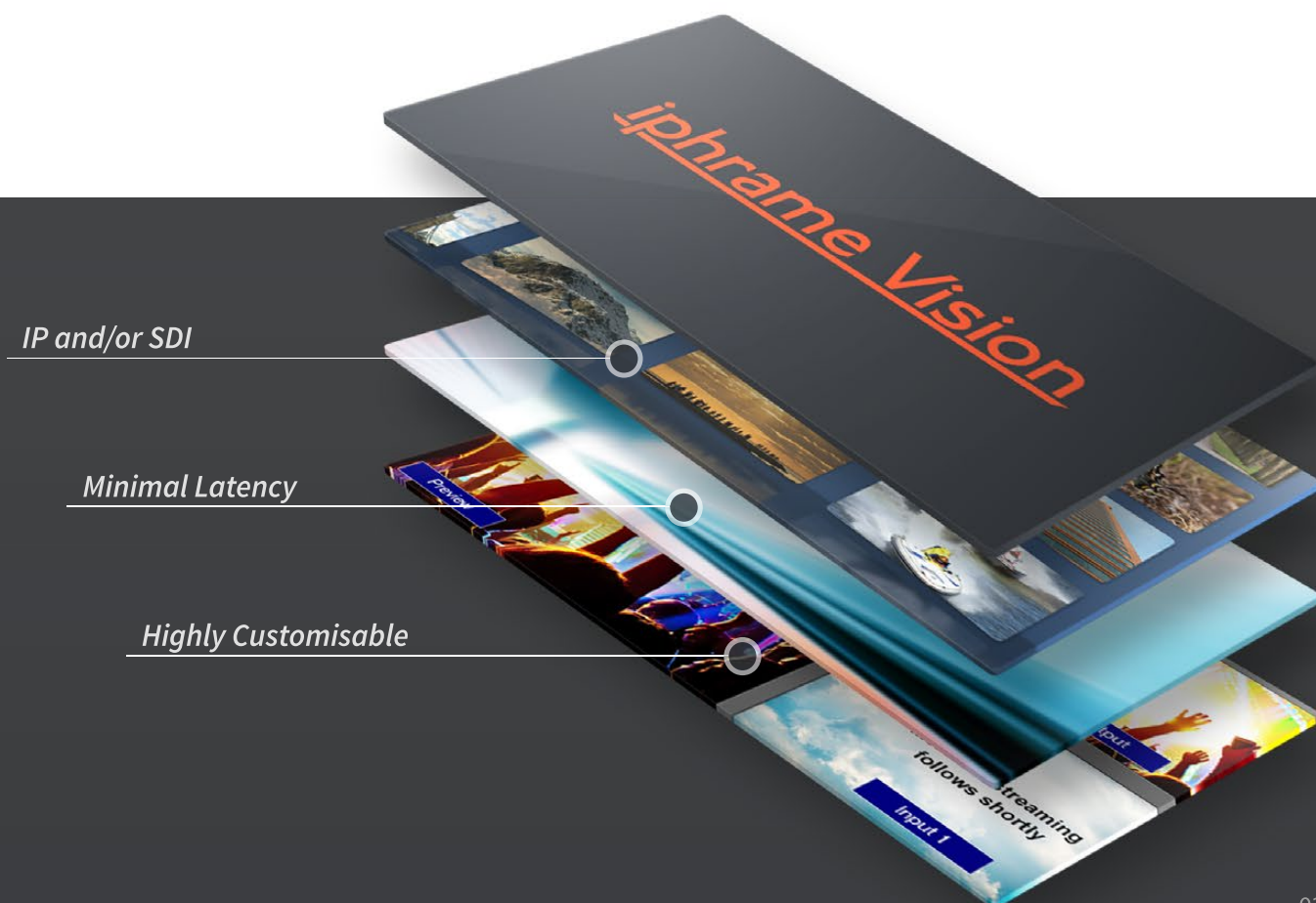
REMOTE ARCHITECTURE

As iphrame Vision is IP-based, we can deploy systems using our modular architecture which exploit the solutions ability to be controlled from remote locations. As a result, this can reduce the staff needed on-site and benefit your budget.

The whole iphrame Vision range is 100% software, only utilising dedicated hardware when SDI or ASI connectivity is required. By offering a radical alternative to the way outside broadcasts are planned and implemented, iphrame Vision can drastically reduce the cost of broadcasting large international events.

In addition, iphrame brings to the market a means of televising a greater number of events at the highest possible quality for less.

By deploying iphrame Vision Remote in parallel to a traditional production architecture, the high-value production can be carried out in the usual way whilst alternative streams or other tasks can be handled using the latest flexible technology at a significantly lower cost. In such circumstances, iphrame Vision can also act as a backup or disaster recovery solution should the main production platform fail.


Iphrame Vision & Remote

A brief overview of how iphrame Vision allows for centralised production of outside broadcasts and other live events.

1 LIVE EVENT
■ Event taking place anywhere in the world.

SDI

IP

2 IPHRAME VISION
■ Multiple inputs fed into on-site workstation.

3 IPHRAME REMOTE
■ Remote control mixing of iphrame Vision station from anywhere in the world via PC, smart phone, tablet, or similar device.

4 BROADCAST
■ Mixed content is broadcast.

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IPHRAME PUBLISH

The iphrame suite also includes iphrame Publish, a solution that is set to radically transform linear channel playout enabling your content to be treated in much the same way as publishing for VOD.

Iphrame Publish enables the complete pre-rendering of playout channels and was born out of the realisation that the majority of today's channels are non-reactive, and schedules are known well in advance of transmission.

The solution significantly reduces the risk associated with the reliance on real-time processing currently found in playout, whilst maintaining the ability to handle last minute changes to programming and commercial content.
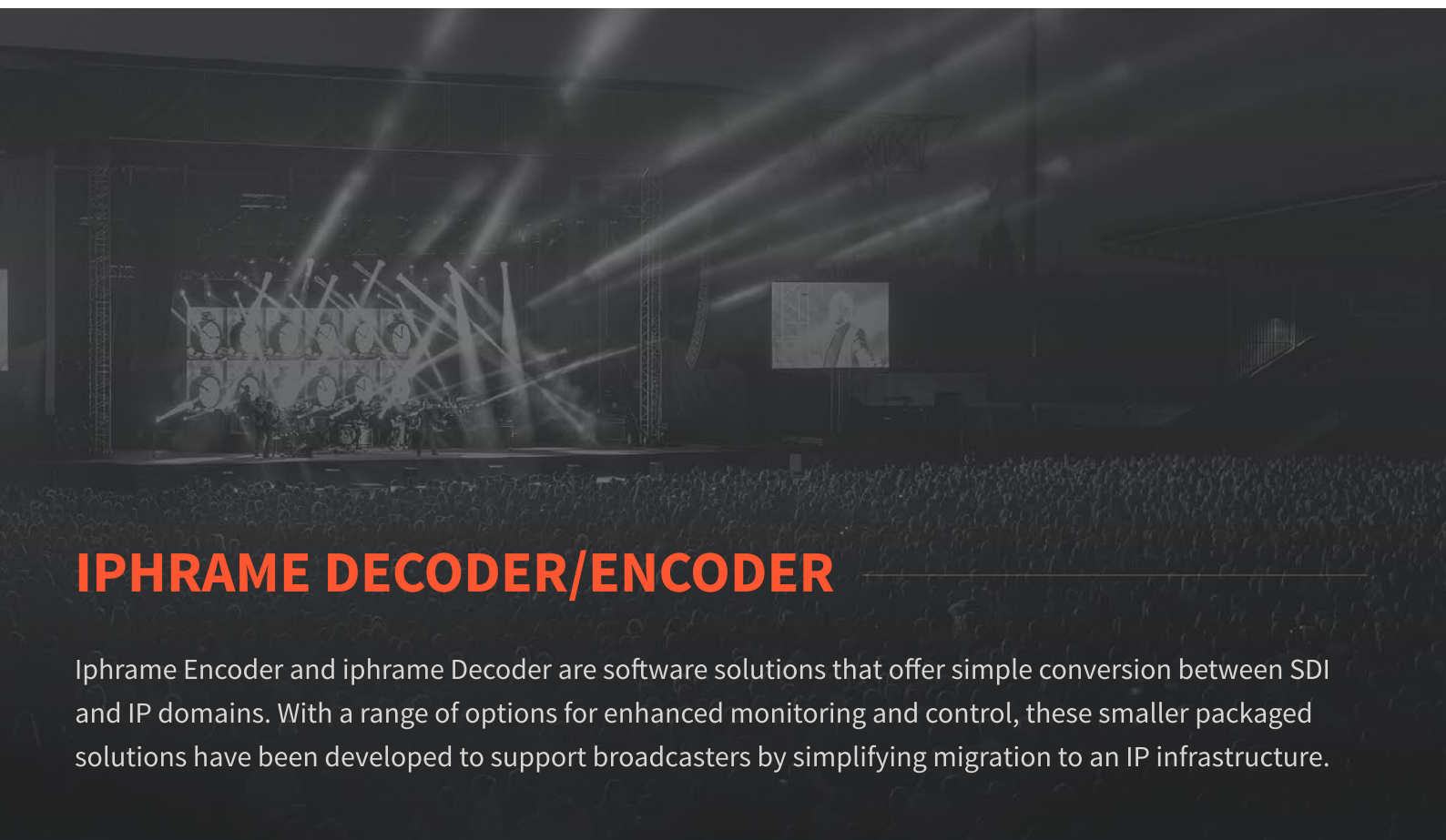
IPHRAME DECODER/ENCODER

Iphrame Encoder and iphrame Decoder are software solutions that offer simple conversion between SDI and IP domains. With a range of options for enhanced monitoring and control, these smaller packaged solutions have been developed to support broadcasters by simplifying migration to an IP infrastructure.

IPHRAME SURFACE

Iphrame Surface is a multiviewer and remote control UI providing the ability to display a mix of SDI, ASI and IP signals. Its configurable user interface can be tailored for the specific monitoring requirements of each site. When used as a control surface a user can be given access to just the signals and controls that matter to them.

ABOUT SUITCASE

We began with compliance recording solutions and we were one of the first companies to deliver to the market place a disk-based solution. We remain one of the few companies who can offer solutions for capturing and recording ASI.

Because we develop all our own products we make a point of listening to what our customers say is missing in the solutions available in the market place. We make our products meet those needs and more. Our product portfolio is now extensive with the result that we can deliver a complete MAM system in a single device, and offering the full range of functionality from ingest to editing, publishing, transcoding and automated playout.

Suitcase TV's ethos has always been to develop products which are innovative, compact and efficient. With a wealth of experience in the broadcast industry, we believe in continually improving and discovering new solutions to the challenges our customers face on a daily basis.

The workflows we design with our customers grow as they grow, increasing in flexibility, integrating seamlessly and providing significant return on investment in a very short time-scale.

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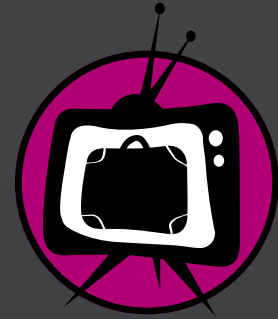
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