



## An introduction to Vega



## A new generation of flexible routers

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Snell's Sales, Product Specialist and Engineering teams combined their years of experience to establish what could be improved with the traditional router concept..

..the result of their studies is **Vega**



## So what is new!

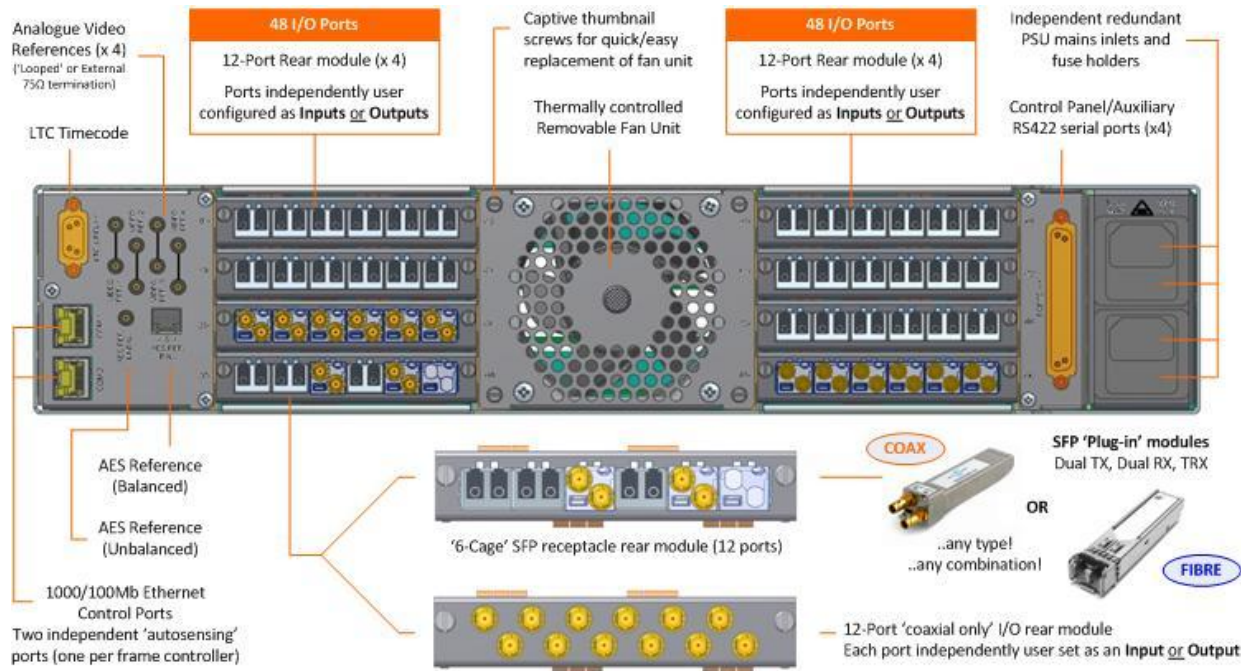
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At first glance **Vega** looks like any other medium size router..



..until you take a closer look!

# Vega ..flexibility at your fingertips



Conventional medium  
scale 2RU SDI router



32<sub>in</sub> x 32<sub>out</sub> (64 ports)  
BNC connectivity

- **Inputs/Outputs** – 96 SDI ports ..50% more than the conventional router!
- **Mixed connectivity** – **SFP fiber** and/or **coaxial** 'plug-ins' ..(HD-BNC™ or DIN 1.0/2.3)
- **'Copper only'** - Dedicated 12-port '**coax only**' rears.....(HD-BNC™ or DIN 1.0/2.3)

## Vega is fully asymmetric

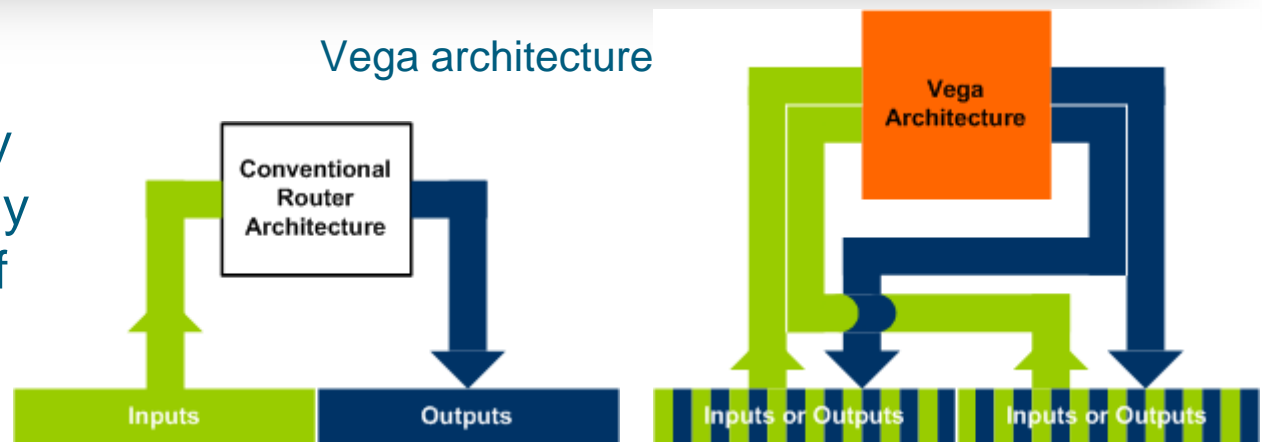
- All **Vega's** 96 ports can all be independently user configured as inputs or as outputs which means:

One extreme...**95 Inputs x 1 Output** (Monitoring apps.)

through all the options...**94 x 2..49 x 47, 48 x 48, 47 x 49 etc..2 x 94**

to the other extreme...**1 Input x 95 Outputs** (Distribution apps.)

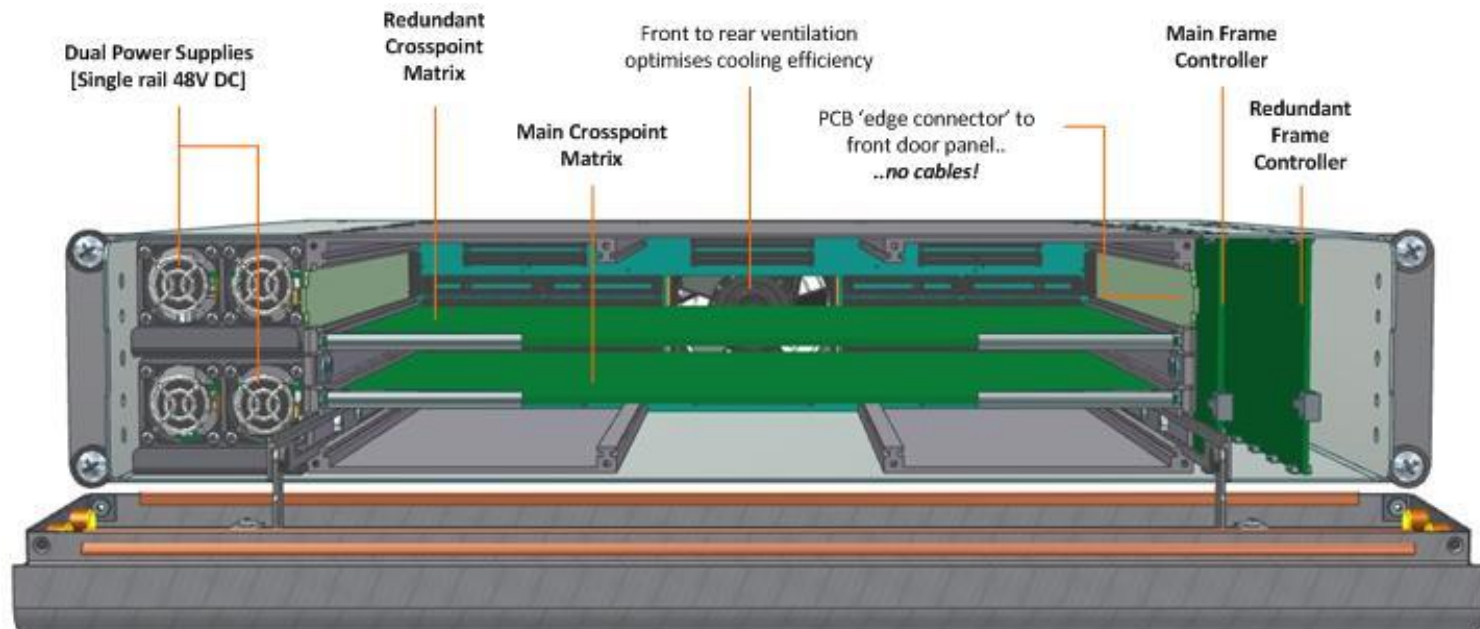
Signal routing applications virtually never require exactly the same number of inputs as outputs !



## Full protection

Few small & medium size routers on the market offer the full range of 'hot pluggable' redundancy options... **Vega** has them all!

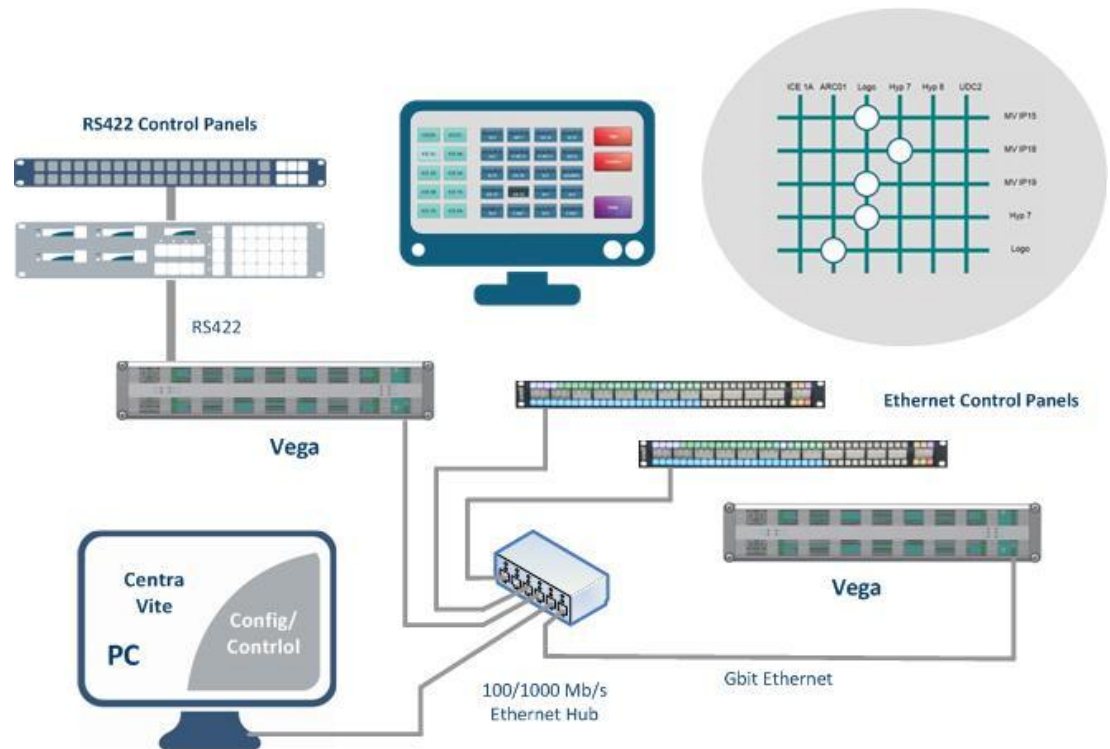
- Dual Crosspoints
- Dual Controllers
- Dual PSUs



## Taking Control..

- **Centra Vite**  
'Plug-n-play' PC software for config. and control
- **1RU & 2RU panels**  
Single bus, multi-bus, X-Y.  
Button-per-crosspoint or keypad operation.
- **Mixed Connectivity**  
100M/Gbit Ethernet and/or RS422 multidrop.
- **Standard message protocols for third party control**

**Vega** uses proven control & networking



## Summary of features

- ❑ **Total asymmetric signal routing**  
Each signal port independently configured as input or output
- ❑ **Coaxial copper or fiber connectivity**  
SFP fiber and/or coaxial HD-BNC™ or DIN 1.0/2.3 plug-ins
- ❑ **Extensive protection & redundancy options**  
Dual Crosspoints, Dual Controllers, Dual PSUs
- ❑ **Ultra compact frame**  
Up to 50% more ports than conventional BNC router
- ❑ **‘Coaxial only’ rear modules**  
Bi-directional 12 port HD-BNC™ or DIN 1.0/2.3
- ❑ **Comprehensive ‘hard’ & ‘soft’ control options**

Complete flexibility



## Key benefits

### ❑ Asymmetric formats

No I/O wastage!!! Will often negate the need for a larger router

### ❑ Coax and/or fiber signal connectivity

Mix short and (very) long distances, bridges all boundaries

### ❑ Extensive protection & redundancy options

No loss of revenue from 'out of service' or 'down time'

### ❑ 50% more I/O ports

Future system expansion or simply 'no need for a bigger router'

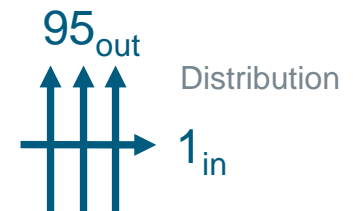
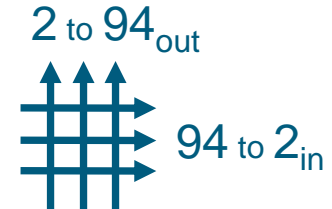
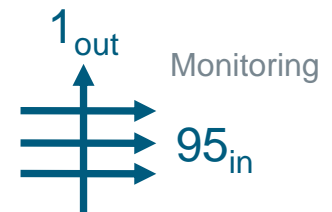
### ❑ 'Coaxial only' rear modules

Lower cost and so improved ROI for non fibered plant

### ❑ Comprehensive 'hard' & 'soft' control options

Solutions for all workflow environments

Fully asymmetric





## Sales Collateral

➤ **This presentation:**

An introduction to Vega

(.pptx/.pdf)



➤ **Vega brochure**

A new generation of flexible routers

(.pdf)



Available  
on website !

➤ **Vega Datasheet**

Vega Technical Specifications datasheet

(.pdf)



Available  
on website !

➤ **Vega MS Excel Configurator**

Vega Configurator\_v1.0.xlsx

(.xlsx)



Coming soon!

➤ **White paper**

Coax & fiber connectivity....the basics

(.pdf)



Coming soon!



## Vega range

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- **First model**

2RU 96 I/O ports .....VG-MF096x

- **Future sizes\***

4RU 192 I/O ports ..... VG-MF192x

1RU 48 I/O ports .....VG-MF048x

\* Future sizes are not limited by those listed above



## Vega schedule

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### □ Vega model – VG-MF096x, 2RU 96 ports

- **IBC 2011** – First public showing  
[Guideline Pricing – contact sales office]
- **Product launch** – November 2011 (First orders placed)  
[Full pricelist & sales order codes]
- **Initial deliveries** – January/February 2012



Vega is the brightest star in the constellation Lyra, the fifth brightest star in the night sky and the second brightest star in the northern celestial hemisphere, after Arcturus.

It is a relatively close star at only 25 light-years from Earth, and, together with Arcturus and Sirius, one of the most luminous stars in the Sun's neighborhood.

