FLEXIBILITY, AGILITY AND SCALABILITY
There is much excitement around the potential of IP connected systems to create more flexible, agile and scalable production environments.

Ross is at the forefront as a leader in IP connectivity with in-house core technology development for key popular technology standards including SMPTE ST 2110 and AES67 technology, while continuing to push forward with SDI connected environments at the same time. Hybrid IP/SDI environments will be the norm for the foreseeable future in live production as system engineers leverage the best that each technology has to offer.

Whether IP or SDI, agility comes from flexible processing engines and the notion of Software-Defined Production – Ross’ term for agile, multi-function processing hardware that can add functionality through software licenses. The benefits are a flexible and scalable pool of resources that can grow as your needs change.
Example diagram of Ross’ IP, SDI and Hybrid connectivity solutions.

### XPression
- XPression Graphics Available with IP I/O
- Single or Dual Channel versions Available
- SMPTE ST 2022-6/7 & ST 2110
- 10Gb Interconnect
- PTP or Black Burst Timing

### Raptor
- openGear IP to SDI Gateway
- SMPTE ST 2110 & ST 2022 7
- Open Control, including NMOS
- 8 x 3G-SDI in and out
- Blackburst timing output

### Newt
- Compact IP to SDI and HDMI Conversion
- SMPTE ST 2110 & ST 2022 7
- Open Control, including NMOS
- 4 x 3G-SDI or HDMI
- 1 x UHD HDMI 2.0

### Ultrix
- IP/SDI router with integrated processing engines and clean-switching Smart Fabric
- Up to 128x1080p IP I/O or mix of IP & SDI
- Software Defined Processing
- Ultricore Control System

### Acuity | Carbonite
- IP Solution Available
- SMPTE ST 2022-6/7 & ST 2110
- ASPEN Available (Acuity Only)
- Software Defined Processing

### Ultricore-IP
- Ultricore – BCS: Large Scale control system
- Ultricore – IP: SMPTE 2110 Routing and control
- Supports NMOS IS-04 & IS-05
- Dashboard and Ultritouch control

### Ross Video Website
www.rossvideo.com