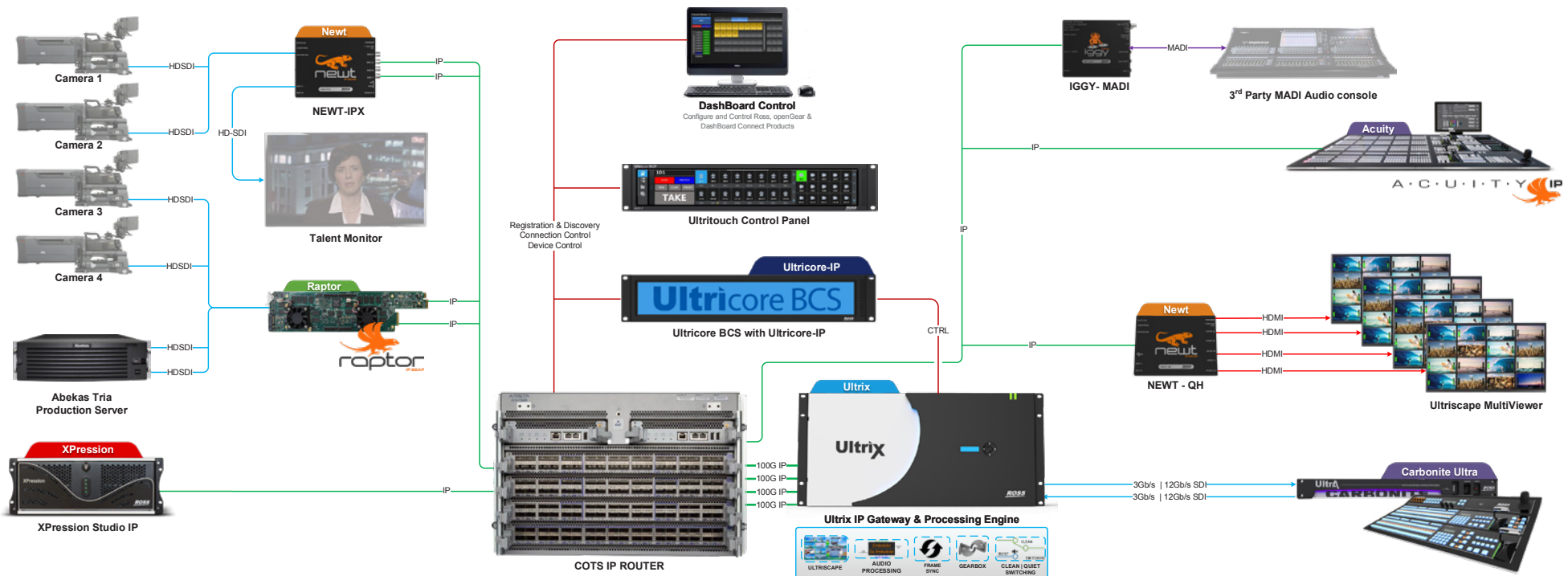## FLEXIBILITY, AGILITY AND SCALABILITY

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.

ROSS®
LIVING LIVE!

Camera 1 — HDSDI

Camera 2 — HDSDI

Camera 3 — HDSDI

Camera 4 — HDSDI

HD-SDI

Newt
newt
NEWT-IPX — IP / IP

Talent Monitor

Raptor
raptor IP GEAR — IP / IP

Abekas Tria Production Server — HDSDI / HDSDI

XPression
XPression Studio IP — IP

DashBoard Control
Configure and Control Ross, openGear & DashBoard Connect Products

Registration & Discovery
Connection Control
Device Control

Ultritouch Control Panel
TAKE

Ultricore-IP
Ultricore BCS
Ultricore BCS with Ultricore-IP

CTRL

COTS IP ROUTER
100G IP
100G IP
100G IP
100G IP

Ultrix
Ultrix IP Gateway & Processing Engine
ULTRISCAPE | AUDIO PROCESSING | FRAME SYNC | GEARBOX | CLEAN | QUIET SWITCHING

IGGY- MADI — MADI

3rd Party MADI Audio console

Acuity
A·C·U·I·T·Y IP — IP

IP

Newt
newt
NEWT - QH — HDMI / HDMI / HDMI / HDMI

Ultriscape MultiViewer

Carbonite Ultra
UltriA CARBONITE — 3Gb/s | 12Gb/s SDI / 3Gb/s | 12Gb/s SDI

XPression

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

Raptor

- openGear IP to SDI Gateway
- SMPTE ST 2110 & ST 2022 7
- Open Control, including NMOS
- 6 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®
LIVING LIVE!