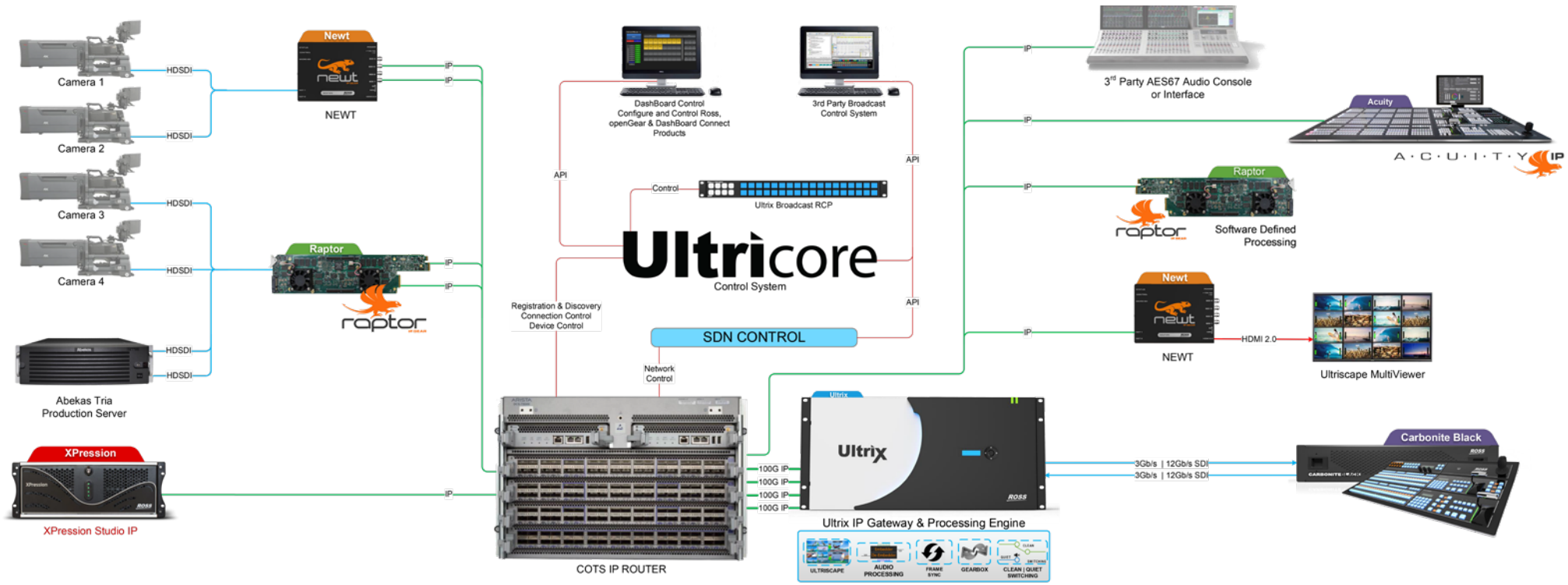
IP, SDI, HYBRID AND SOFTWARE DEFINED WORKFLOWS

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.



XPRESSION

IP Graphics System

- XPression graphics available with IP I/O
- SMPTE ST 2022-6/7 & ST 2110
- PTP or black burst timing

ULTRIX

16x - 128x IP / SDI Routing Platform

- IP/SDI router with integrated processing engine and clean/quiet Smart Fabric
- SMPTE ST 2110 & ST 2022-7
- Up to 128x128 IP I/O or mix of IP and SDI
- Software-Defined Processing
- Ultricore control system

ACUITY | CARBONITE

IP Production Switchers

- SMPTE ST 2022-6/7 & ST 2110 gateway bundles
- Software-Defined Processing

RAPTOR

openGear IP Gateway

- 6 bi-directional HD connections
- SMPTE ST 2022-6/7 & ST 2110
- NMOS compliant
- PTP or black burst timing
- Software-Defined Processing

NEWT

Point-of-Use IP Gateway

- Compact UHD conversion & processing
- SMPTE ST 2110 & ST 2022-7
- 4 SDI BNC
- 1 HDMI 2.0 Output
- Software-Defined Processing