

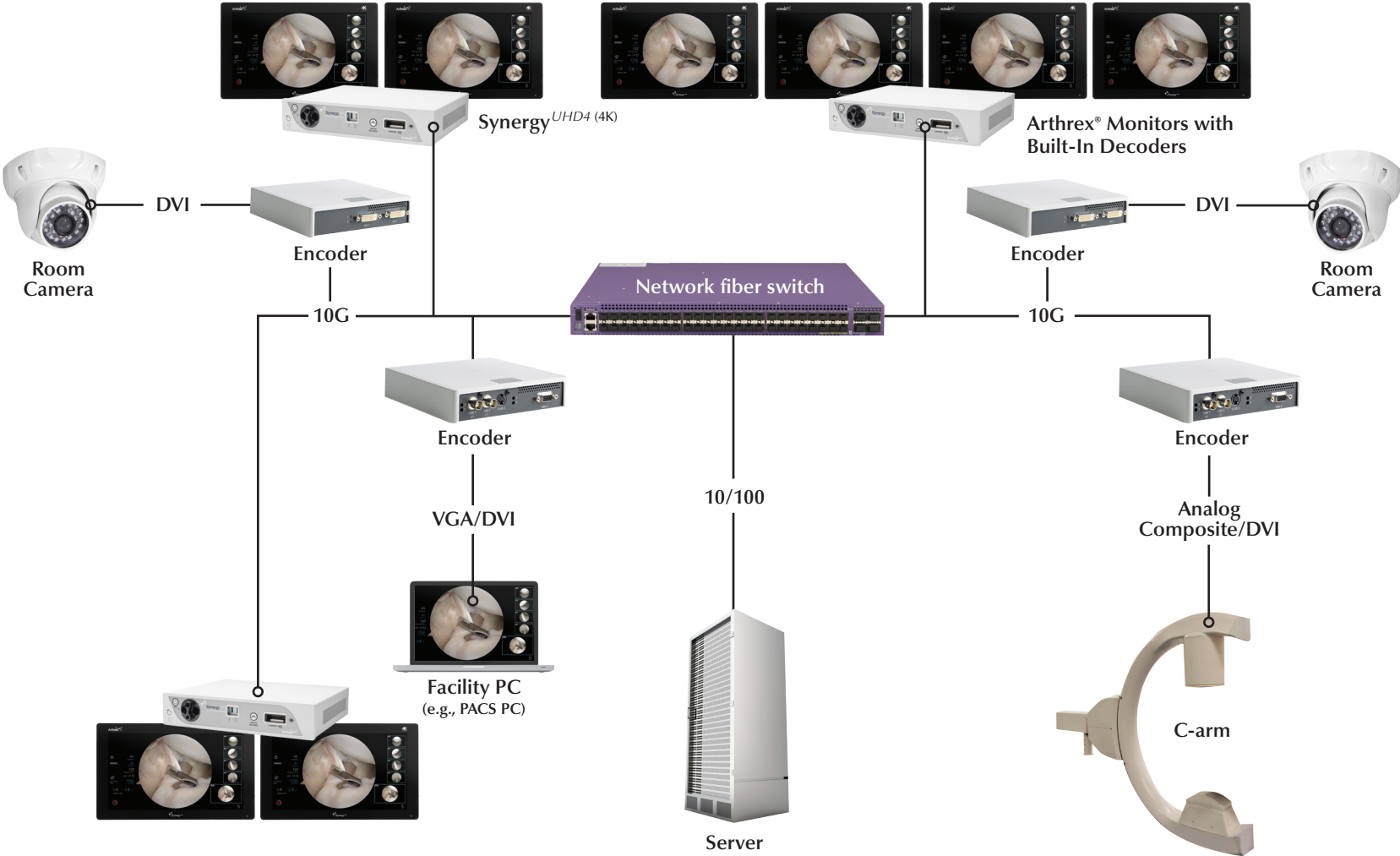
Ultra High Definition Video
and Data Network



Synergy *Matrix*

Synergy Matrix™

A revolutionary new OR integration solution with 4K routing capabilities – converts native 4K and HD video, audio inputs to IP based digital signals and uses off the shelf fiber networking hardware to route those signals with zero latency to any connected monitor, speaker or other output destination. Control of Synergy Matrix is handled via a simple to navigate user interface that can operate either in a standard web browser or via the Synergy^{UHD4/HD3™} control tablet.



Synergy Matrix™ Offers the Following Significant Benefits:

- Ability to route 4K video
- Elimination of the need for large AV racks located in each operating room thereby allowing facilities to utilize costly OR space for other purposes and reducing operating costs
- Standard network switch hardware provides familiarity for facility IT and clinical engineering and potentially allows them to assist with support
- Small hardware footprint allows for more rapid installation
- Multiple operating rooms can utilize a single network switch further reducing hardware needs
- User interface clearly shows live images from video sources and displays so staff can easily identify sources and destinations for routing without having to rely on potentially misleading descriptions or icons for those items
- User interface automatically updates to show staff only those sources and destinations available in their operating room thereby eliminating the risk of trying to route an unavailable source or routing to an unavailable destination
- Simple, intuitive user interface allows staff to operate system with minimal training and reduces errors in using the system
- Secure audio/video streams to reduce HIPAA risks
- System can be monitored, supported and upgraded remotely reducing intrusions in the operating room



This description of technique is provided as an educational tool and clinical aid to assist properly licensed medical professionals in the usage of specific Arthrex products. As part of this professional usage, the medical professional must use their professional judgment in making any final determinations in product usage and technique. In doing so, the medical professional should rely on their own training and experience and should conduct a thorough review of pertinent medical literature and the product's Directions For Use.



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