

What is a Monitoring System

Jason Kelly
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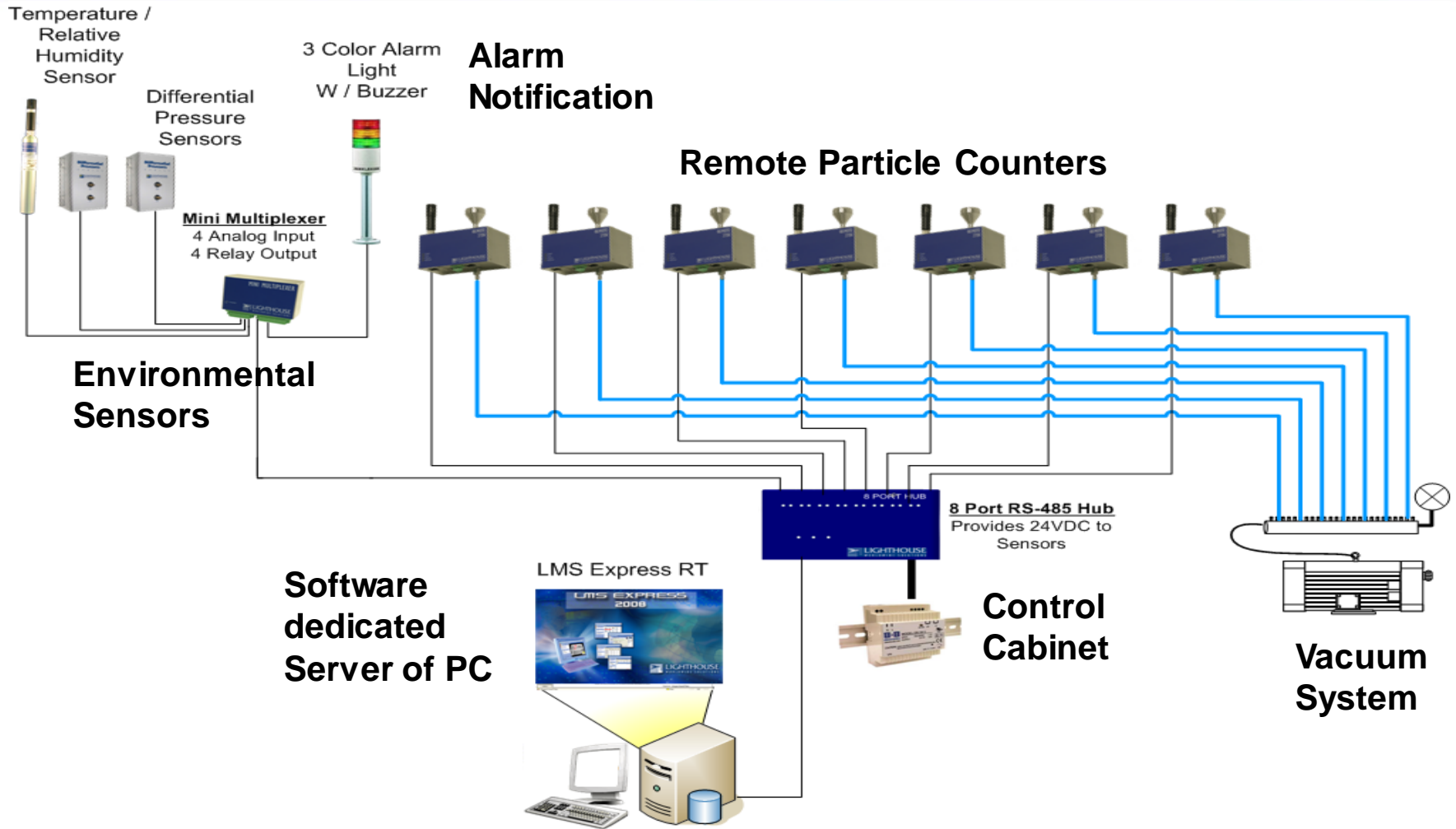
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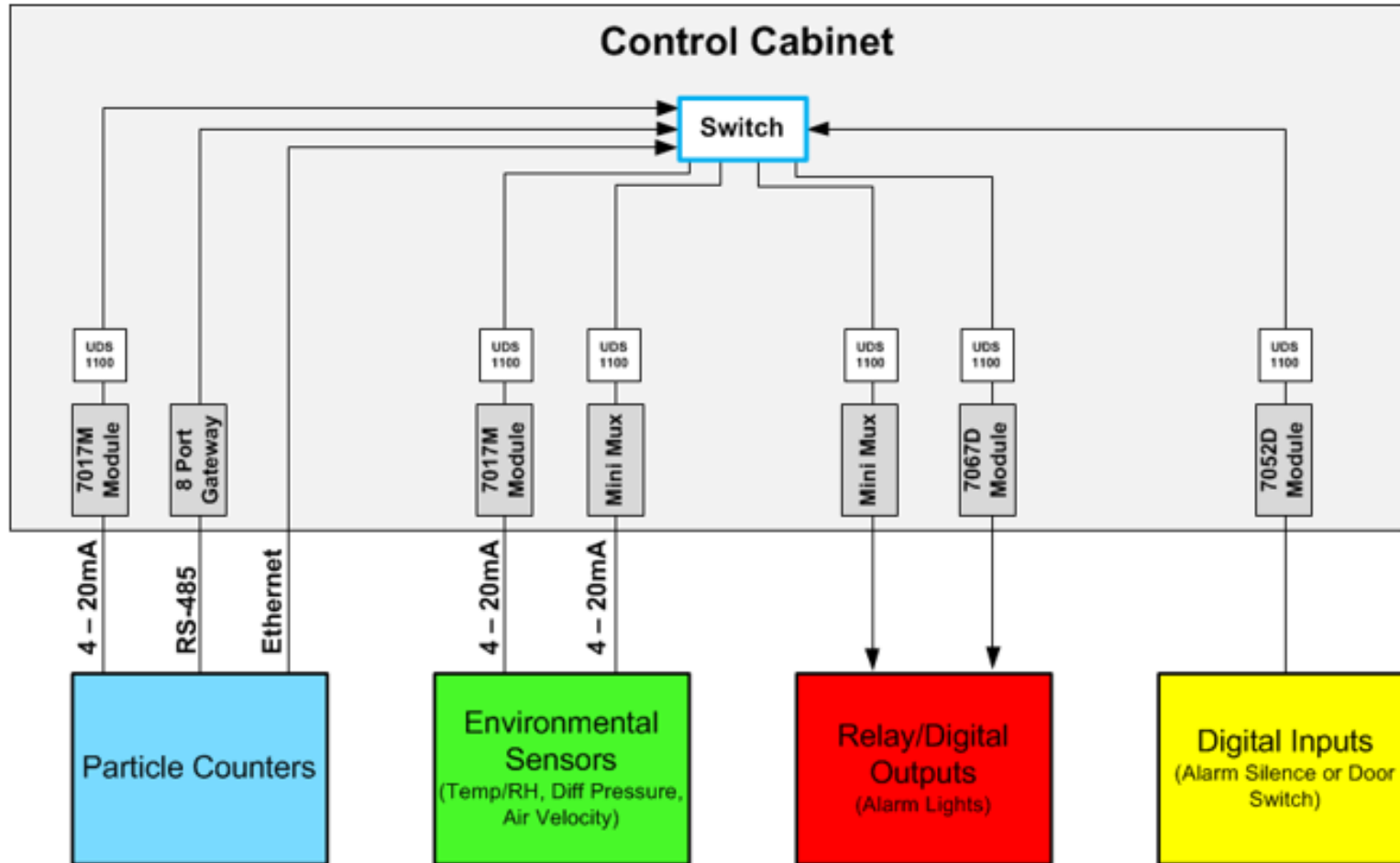


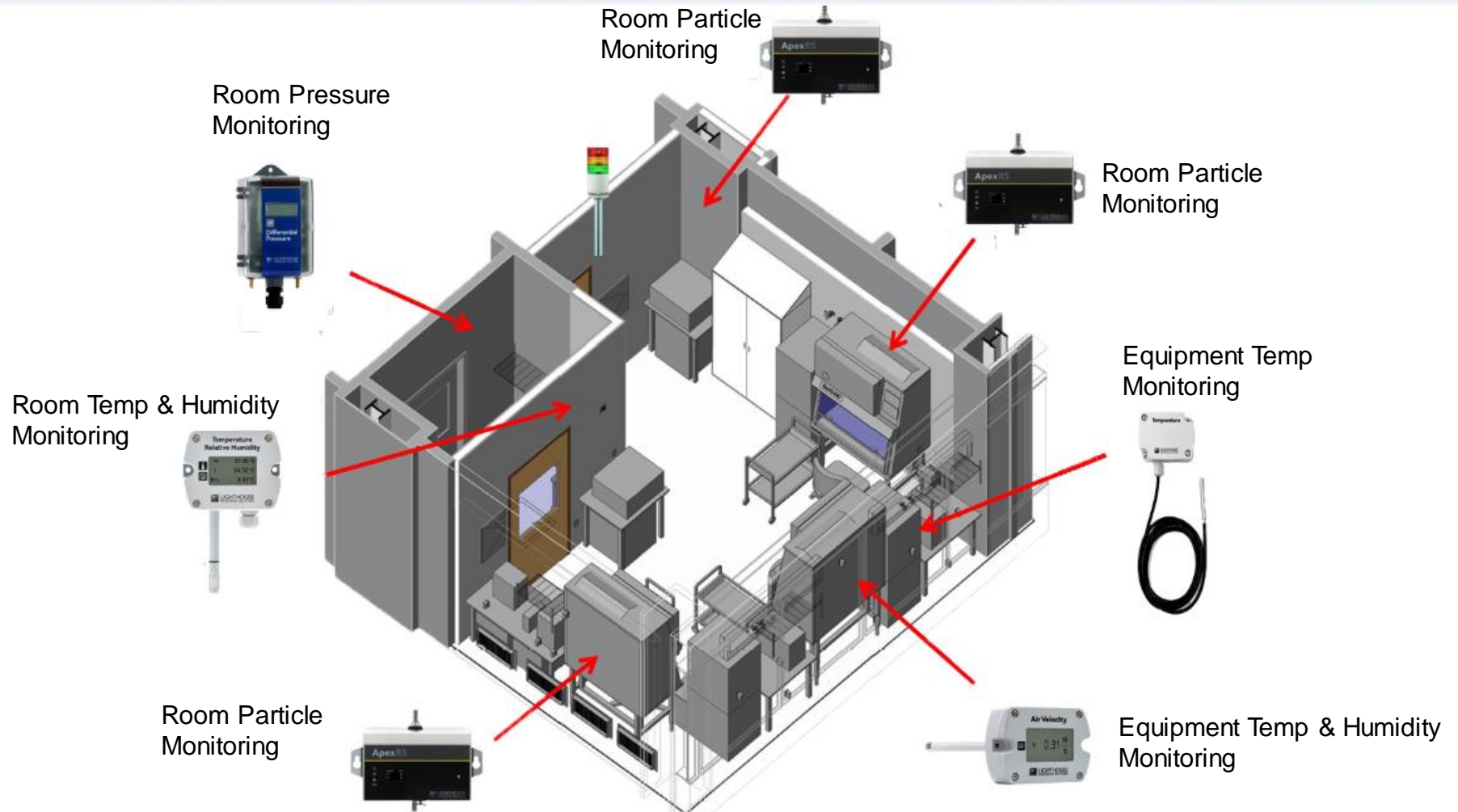
Jason Kelly
Director of Systems

Over 20 Years Management positions in Environmental Monitoring Systems Service, Design, Installation, Validation and ongoing support. Jason has worked on many Projects for top Life-Science, Semi-conductor companies assisting in procurement, delivery and compliance to ensure regulatory acceptance. Worked across the World on many projects in the UK, Ireland, Europe, Australia and now resides in Oregon USA. Where he manages the Systems group. Jason can be contacted by email on jasonk@golighthouse.com or on LinkedIn and always welcomes queries and questions on Monitoring Systems connected to particle counters or environmental sensors.

Monitoring System Overview







Environmental Sensors

Cleanroom parameters such as Room Pressure and Room Temperature and Humidity are critical for successful cleanroom environmental management



Particle Counters

Cleanroom Classification is measured by the concentration of particles allowable in a determined volume of air sampled



Vacuum System

Remote particle counters require an external vacuum to pull a sample of air through the sensor so the particles can be counted and sized.



Control Cabinet

The Monitoring System Control Cabinet connects to all sensors and input/output devices and is the heart of the monitoring system providing an interface between sensors system logic and the software



System Software

The Monitoring System software provides the data collection and the user interface. System alarms are registered and users can look at facility or room trends and run reports or start or stop sampling.



Home

Model Name	Channel Name	Loc #	Value	Units	TimeStamp	Alarm Status
REMOTE 3014	REMOTE 3014 (01):Location 001:0.1 micron (Counts)	Location 001	50	#	7/9/2017 10:11:14 AM	Normal
REMOTE 3014	REMOTE 3014 (01):Location 001:Sample Time	Location 001	60	s	7/9/2017 10:11:14 AM	None
REMOTE 3014	REMOTE 3014 (01):Location 001:Sample Volume	Location 001	0.1	ft^3	7/9/2017 10:11:14 AM	None
REMOTE 3014	REMOTE 3014 (01):Location 001:0.2 micron (Counts)	Location 001	50	#	7/9/2017 10:11:14 AM	None
REMOTE 3014	REMOTE 3014 (01):Location 001:0.3 micron (Counts)	Location 001	50	#	7/9/2017 10:11:14 AM	None
REMOTE 3014	REMOTE 3014 (01):Location 001:0.5 micron (Counts)	Location 001	50	#	7/9/2017 10:11:14 AM	None
REMOTE 3014	REMOTE 3014 (01):Location 001:0.7 micron (Counts)	Location 001	50	#	7/9/2017 10:11:14 AM	None
REMOTE 3014	REMOTE 3014 (01):Location 001:1.0 micron (Counts)	Location 001	50	#	7/9/2017 10:11:14 AM	None
REMOTE 3014	REMOTE 3014 (01):Location 001:2.0 micron (Counts)	Location 001	50	#	7/9/2017 10:11:14 AM	None
REMOTE 3014	REMOTE 3014 (02):Location 002:Sample Time	Location 002	60	s	7/9/2017 10:11:15 AM	None
REMOTE 3014	REMOTE 3014 (02):Location 002:Sample Volume	Location 002	0.1	ft^3	7/9/2017 10:11:15 AM	None
REMOTE 3014	REMOTE 3014 (02):Location 002:0.3 micron (Counts)	Location 002	50	#	7/9/2017 10:11:15 AM	None

Unacknowledged Alarms 0

Normal

