



Optimizing Preventative Maintenance

HOW to Deploy a CMS compliant AEM Program for Utility and/or Clinical Assets



October 29, 2018





What Is AEM?

Compliance

- CMS: Requires Identification of all Equipment that is part of an AEM Program.
- TJC: EC 02.05.01 "The [organization] manages risks associated with its utility systems."
 - EC 02.05.05 "The [organization] inspects, tests, and maintains utility systems."
- TJC: EC 02.04.01 "The [organization] manages medical [laboratory] equipment risks."
 - EC 02.04.03 "The [organization] inspects, tests, and maintains medical [laboratory] equipment."
- HFAP: Physical Environment 11.06.09 ME, 11.05.01 U, DNV NIAHO Rev. 11.1



- The easy answer is...."we are doing manufacturer's recommended maintenance." But is that reality?
- AEM represents an opportunity to take control of your facility. And to do so in a transparent, and "compliant" manner. Do what you say, say what you do.
- Leverage the AEM Processes, and Data, for continuous improvement.







Utility Risk Classification Examples

- Utility Classification (UC)
 - 1. Non Clinical Other
 - 2. Clinical Other
 - 3. Transport
 - 4. Diagnostic
 - 5. Equipment Support
 - 6. Environmental Support
 - 7. Infection Control
 - 8. Life Safety

- Risk Application (RA)
 - 1. No Risk (NFPA 99 4.1.4)
 - 2. Loss of Redundancy
 - 3. Disruption of Comfort (NFPA 99 4.1.3)
 - 4. Disruption of Service
 - 5. Loss of Revenue
 - 6. Misdiagnosis
 - 7. Injury (NFPA 99 4.1.2)
 - 8. Death (NFPA 99 4.1.1)



Documented. Defensible.

Total Risk Value Equals
UC + RA + MR + EI

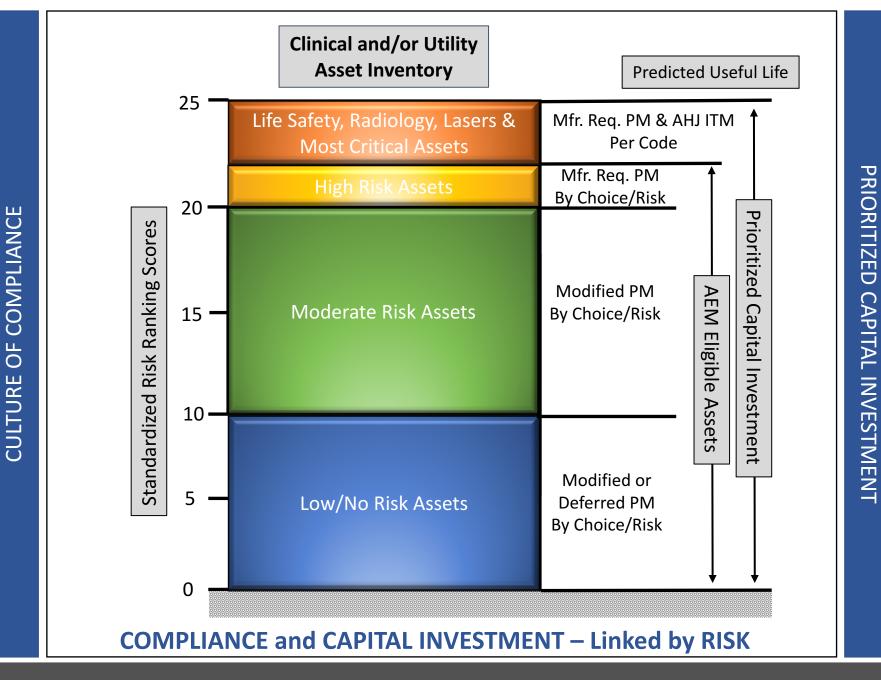
- Maintenance Requirement (MR)
 - 1. None
 - 2. Minimal
 - 3. Average
 - 4. Extensive

- Asset Redundancy
 - 1. Redundancy Available < 1 Hour
 - 2. Redundancy Available < 24 Hours
 - 3. Redundancy Available < 1 Week
 - Redundancy Unavailable Without Significant Effort/Capital > 1 Week

Consistency in Risk Classifications Across Multiple Facilities is Key!

Budgeting and Forecasting Policy Documentation

AEM and PM Policy Documentation CULTURE OF COMPLIANCE







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Thank You!

