

# HTM-FM Data Governance Model



HARD ROCK  
CASINO & HOTELS

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# Speaker Introduction

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- CBET & CHTM
- Director of Clinical Engineering for 2 rural health systems in the Northeast
- 20 plus years working in the Clinical Engineering field (technician to Director)
- Long time user of the HEMS line of products
- Retired as a Master Sargeant from the Marine Corps after 20 years of fulltime active service



# Advanced HTM Data Governance Model

- A Comprehensive Framework for Modern Healthcare Technology Management



# Model Overview

- Five-domain governance architecture
- Maturity-driven implementation
- Cross-functional alignment



# Domain 1: Strategy & Leadership

- Governance charter & RACI
- Steering committee oversight
- Annual maturity assessment



## Domain 2: Standards & Architecture

- Master Data Management rules
- Device classification & controlled vocabularies
- Integration & CMMS architecture



# Domain 3: Data Quality & Stewardship

- Monthly quality audits
- Stewardship assignments
- Data quality KPIs & monitoring



# Domain 4: Security, Risk & Compliance

- Role-based access
- Cybersecurity device profiles
- HIPAA & Joint Commission alignment



# Domain 5: Data Operations & Lifecycle

- Asset onboarding workflow
- Change control process
- PM lifecycle governance



# Maturity Model Overview

- Five-stage evolution
- From ad hoc to optimized
- Key organizational milestones



# Level 1: Ad Hoc

- Siloed data
- Inconsistent naming
- No formal governance



## Level 2: Emerging

- Initial standards
- Early stewardship
- Manual audits



## Level 3: Defined

- Formal governance charter
- Standardized onboarding
- Quarterly audits & dashboards



## Level 4: Managed

- Automated validations
- Cross-functional governance
- Predictive analytics emerging



## Level 5: Optimized

- AI/ML-driven insights
- Real-time utilization analytics
- Fully integrated digital thread



# Operating Model

- Executive Council
- Stewardship Board
- IT/Cyber Technical Group
- Topic-specific working groups



# Recommended Tools

- MDM-capable CMMS
- Validation engines
- Integration monitoring
- BI/analytics platforms



# Program Deliverables

- Standards playbook
- Audit procedures
- Onboarding & change control SOPs
- Quarterly data reports



# Five-Domain Governance Program – Conclusion

## Integrated Governance Model

- Establishes governance as an operating system guiding execution, strategy, and long-term sustainability across complex environments.

## Operational Value Delivery

- Clear structures and standardized processes reduce inefficiencies, enhance accountability, and enable scalable, reliable operations.

## Strategic Positioning

- Positions HTM and Facilities as enterprise enablers with data-driven insights supporting predictive maintenance and informed decisions.

## Cultural Embedding

- Governance becomes institutionalized with clear roles and continuous improvement, evolving from control to optimization.

Q&A

