



Fig.2. ISA -95 Equipment Tree Diagram

Field Device Setup

- **Action:** @April Zheng will configure all field devices and provide @Matt DeDonato with a list for:
 - Firewall IP whitelisting
 - MAC filtering
 - Additional network configurations (if applicable)

OT Security Best Practices

- **Secure Web Access:** MES will use **HTTPS** instead of HTTP for all web clients @April Zheng .
- **ICS / OT Asset Management:** Workstations and HMIs **must not** communicate directly with the internet @Matt DeDonato .
- **Account Security & Password Management:**
 - Implement **LDAP** for centralized user management (@April Zheng for MES, @Matt DeDonato for Active Directory/Okta).
 - Role-Based Access Control (RBAC) for all HMIs and workstations (@April Zheng).

2. MES Server Management and Full IT/OT Architecture Diagram

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OT/IT Architecture Diagram

Here is an overview of the full OT/IT architecture diagram (Fig.3) and server architecture diagram (Fig.4).