# From Incomplete Inventory to AI-Ready: How Camcode Helped the Largest Community College District in California Set a New Standard in Asset Management



**One of the largest U.S. community college systems in the U.S.** — oversees nine colleges with 742 buildings across Los Angeles County, serving over 200,000 students annually.

Historically, the District relied on SAP® software to track asset data; however, inconsistent standards, unverified records, and disconnected systems limited accuracy, visibility, and operational efficiency.

Quartz Consulting Group, in collaboration with Camcode's standardized asset tag solutions, supported the District in launching a scalable, district-wide Facilities Equipment Asset Management (FEAM) program. This initiative enhanced asset visibility, improved data access, and set the stage for a shift from reactive to preventive and predictive maintenance.

Camcode's consultative support and durable tagging solutions were integral to building a foundation for long-term asset intelligence.

Quartz evaluated multiple asset tag solutions and provided the District with sample options. Based on district feedback, Camcode's Metalphoto® anodized aluminum QR code asset tags were selected for their proven CMMS interoperability, scan reliability, and 20+ year durability — delivering a future-proof, standardized tagging solution across all environments.

**Success Story:**

Quartz's scope included strategic planning, field surveys, data reconciliation, and visual documentation across all 9 campuses, resulting in:

- **6,664 assets tagged** across **384 buildings**
- **988 warranty documents** and **1,782 O&M manuals** linked to digital records
- **49 unique asset element types** identified, categorized, and standardized
- A complete QA/QC and digital handoff process — delivered **4 months ahead of schedule and under budget**



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**Benefits & ROI**

- Created a **centralized, consistent database** of MEP equipment

- **QR tag scans enable dual access:**

- Anyone can submit an asset-specific work order request from their phone

- Authorized technicians can access detailed equipment records (manuals, warranties, specs)

- **Improved work order accuracy** by tying requests to specific assets — not just the room or location

- **Faster technician response** and less time spent locating equipment or documents

- **Fewer repeat service calls**, better maintenance compliance, and higher uptime

- **Established a scalable foundation** for AI-powered analytics, capital planning, and smart facilities management district-wide

**Lessons Learned**

Key takeaways from Phase 1:

- **Early access and coordination** improve efficiency

- **Standardized tag placement** enhances long-term usability

- **Linked visual documentation** give facilities staff fast access to accurate asset info for smarter maintenance

- **Crew size and flexible scheduling** impact productivity

- **Asset definitions must remain adaptable** as buildings and systems evolve