

Digital Facility Solutions

Old buildings. New Intelligence.



Experience & Expertise

Built by a Facility Professional

- **Digital Facility Solutions** draws from **15+ years of experience** as a Facility Manager and Facility Project Professional across:
 - Manufacturing (medical devices & oil/gas equipment)
 - Healthcare facilities
 - Federal government contracting
- **With hands-on expertise in:**
 - Bluebeam
 - AutoCAD & Revit
 - CMMS & IWMS platforms (ServiceNow, Archibus)



W. Edwards Deming

- W. Edwards Deming (1900–1993) was an American statistician, engineer, and management philosopher who revolutionized how organizations think about **quality, productivity, and leadership**. He is best known as the father of the modern quality improvement movement and a key figure behind Japan's post-World War II industrial revival.
- **“A bad system will beat a good person every time.”**



The “Bad System”

- How many of you have a **“Plan Room”?**
 - What do you **dislike** about it?
 - Why?
- How many of you have decided to **“get efficient”** and have your archived building plans scanned into digital files?
 - How many of you have those digital files **sitting** in a file folder under the name **“scan_11_22_04”** but have no idea what’s in **“scan_11_22_04”?**
 - Of those digital files how many are **“intelligent”?**



What We Do

From Disorganized Records to Facility Intelligence

- **Digital Facility Solutions** converts legacy drawings into a **structured, searchable digital system** that supports daily operations, capital planning, and maintenance
- This delivers measurable savings by reducing:
 - Search time and document recreation
 - Change orders and re-surveys
 - Unforeseen conditions and project risk
 - Emergency delays and technician downtime



How the Process Works

From Paper to Searchable Facility Records

- Hard-copy drawings are scanned into high-resolution PDFs by a qualified reprographics organization
- All digital files are delivered to **Digital Facility Solutions** for enhancement and organization

From PDFs to Searchable Facility Records

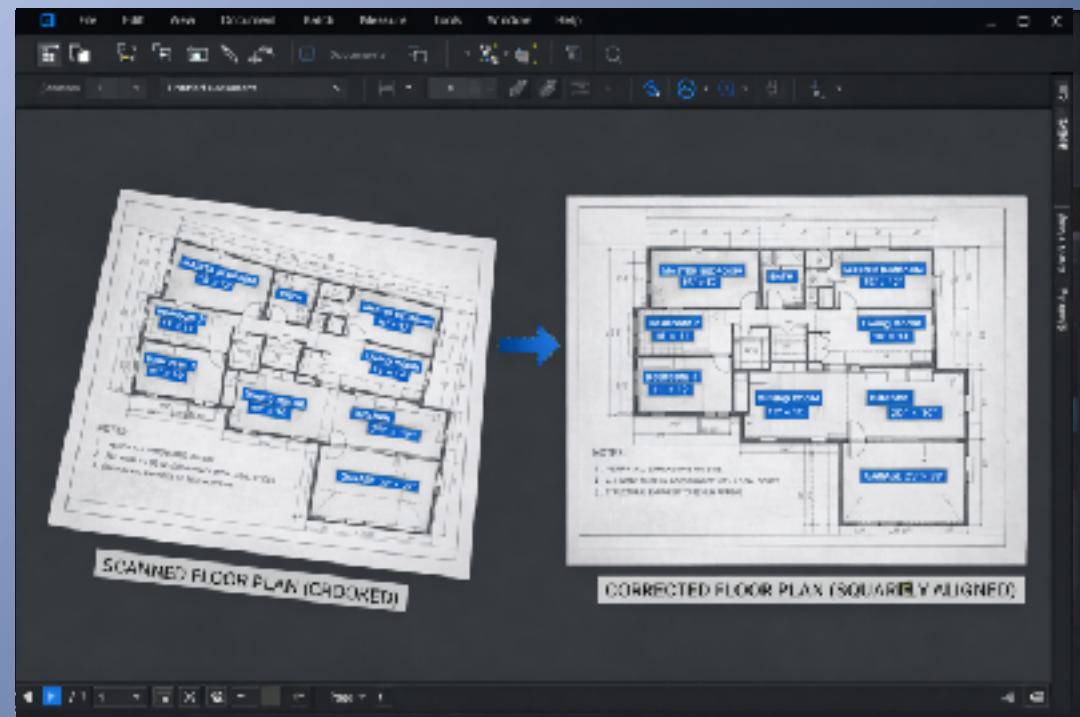
- All files are delivered to **Digital Facility Solutions** for enhancement and organization



Digital Enhancement & Final Deliverable

What We Add

- Each drawing set is processed to include:
 - **Optical Character Recognition** for digitally created text
 - **Correct Page labels** by discipline and drawing number
 - **Hyperlinked** index / table of contents
 - Image alignment and **skew correction** (crooked images)
- Files are organized to match the original drawing index and returned in a **structured, searchable format**—ready for operations, maintenance, and future projects.



Proven Results

Real-World Impact

- Delivered Digital Facility Solutions–style systems for:
 - Industrial manufacturing firms
 - The Federal Aviation Administration (FAA)
- Helping facility teams:
 - Dramatically improve access to building information
 - Reduce time spent searching for drawings and data
 - Increase operational efficiency by **up to 90%**



Supplemental Capabilities

We Also Provide:

- **Document Organization & Recovery**
 - Sorting, renaming, and structuring large volumes of PDFs
- **Custom Drawing Intelligence Services**
 - Highlight:
 - Spaces (e.g. Rooms Sqft)
 - Components (e.g. valves, panels, ductwork, etc)
- **Other ad-hoc digital PDF enhancement requests**



Cost

Digital Enhancement

- Typical Investment: \$1,500- \$3,500 per building
- Typical Volume: 50-300 sheets

Supplemental Drawing Intelligence

- Hourly based on customer need



Questions?

