



SHIELD

by Allied Inspection Services, LLC

Complete Facility Management Suite (CFMS)

A next-generation platform that replaces outdated CMMS tools with a unified, district-wide operational system.

The Suite Includes:

- Inspection Operations • Work Orders • Preventative Maintenance Schedules
- Facility Use Management • Custodial Inspections and Staffing Calculations
 - Facility Condition Assessments • IT Operations
 - Dashboards • Calendars • AI Driven Analytics

FM DASHBOARD



The SHIELD FM Dashboard gives school leaders a clear, real-time view of their facilities—without the clutter, confusion, or guesswork. Every critical metric is organized into a single, intuitive command center designed specifically for K-12 operations.

- Instant visibility into work orders, preventive maintenance, compliance, and safety tasks
- Live status indicators that highlight what's on track, overdue, or at risk
- Smart summaries that help directors prioritize the day, the week, and the month
- One-click drill-downs into buildings, equipment, staff assignments, and documentation
- Audit-ready reporting built directly into the workflow

The FM Dashboard transforms complex facility operations into a simple, actionable picture—empowering directors to lead with confidence, clarity, and control.

The screenshot shows the SHIELD FM Dashboard's main interface. On the left is a vertical navigation menu with categories like FM OPERATIONS, INSPECTION OPERATIONS, WORK ORDER OPERATIONS, and more. The main area is titled 'Complete Facility Management for Schools' and includes buttons for 'Start New Inspection', 'Sign Up', and 'Dashboard Help'. Below this is a 'Location Filter' section with dropdowns for 'Filter by District' and 'Filter by Building', both with letter-based dropdown menus. A 'All Districts' and 'All Buildings' button is also present.

This screenshot shows the 'FM Dashboard' section. It features a summary card with 'School Districts: 8', 'Buildings: 7', 'Total Inspections: 200', and 'Active Checklists: 9'. Below this are sections for 'Action Items', 'Immediate Attention Required' (listing 'Gymnasium Concession Stand - Fire Extinguisher' and 'Press Box - Softball 2nd Fl'), 'Overdue Services' (listing 'Inspection Scheduled - Allied Community High School 331 Ba - Sp' and 'Inspection Scheduled - Marengo High School 10a - 3p'), and 'Work Orders Needing Attention' (listing various cleaning issues like 'Sink (if present) cleaned' and 'Lab tables wiped/disinfected'). A 'New' button is at the bottom right.

This screenshot shows several management sections. On the left is 'Recent Inspections' listing tasks like 'Eye Wash Station - bottle' and 'Fire Extinguisher - Monthly'. Next is 'Inspection Types Distribution' showing a pie chart of 200 inspections across 9 types. To the right is 'Fax/Tail Distribution' with a chart showing 262 total items, 95.0% pass rate, 13 failed items, and 0 issues addressed. At the bottom are 'Upcoming Services' (no services) and 'Upcoming Rentals' (no rentals).



Managed Contract Services

Allied Inspection Services provides Managed Contract Services, delivering expert inspection management for schools and districts. We ensure compliance and operational efficiency, eliminating the burden of coordination so you can focus on students, safety and education.

- ➔ **Certified Inspection Management:** Handling Inspections requiring licensed experts.
- ➔ **Bid Assistance:** Securing Quotes, preparing evaluations, and overseeing bidding process.
- ➔ **Project Oversight:** Scheduling work and supervising contractors.
- ➔ **Comprehensive Reporting:** Delivering final documentation for regulatory compliance.

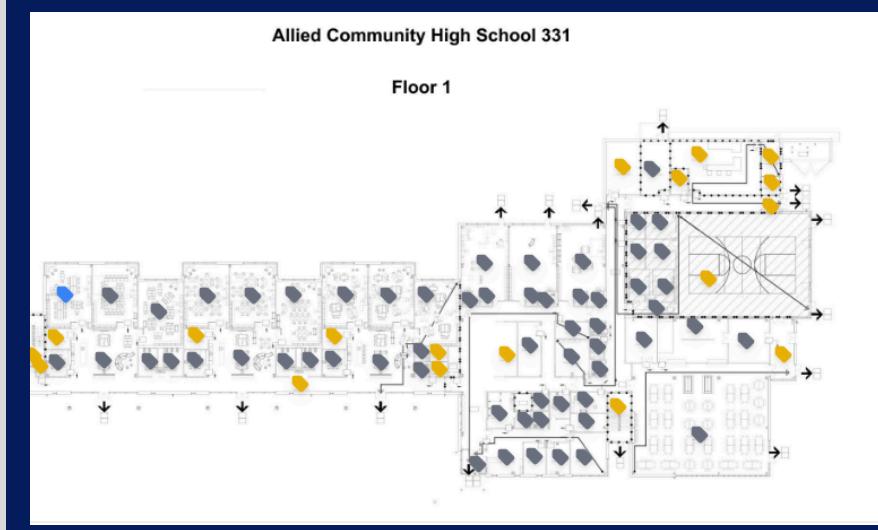
Inspection Schedule

- ✓ Semi-Annual: Fire Extinguisher-Ansul System, HVAC CO2 Sensors, HVAC System Operations.
- ✓ Annual: Fire alarms, extinguishers, sprinklers, septic tanks, backflow preventors, grease traps, boilers, elevators, pressure relief valves, basketball backboards, room divider curtains, ejector pumps, and mobile classrooms.
- ✓ Every 3 Years: Asbestos inspections, electrical switch gear, pressure vessels, stage curtain treatments (every 3-5 years).
- ✓ Every 5 Years: Electrical panels, elevator fire alarm initiation devices.
- ✓ Every 10 Years: Ten-Year Health Life Safety Inspection.

INSPECTION OPERATIONS

03

When an inspection item fails in SHIELD, it becomes a school district safety priority. Each failed item moves straight to a To-Do List with photos and notes, giving teams the clarity they need to act quickly. District staff can turn the issue into a work order with one click or dismiss it if no action is needed. This simple, accountable process ensures safety concerns are addressed promptly and nothing slips through the cracks.



FLOOR PLANS

- Upload your school floor plans and data via CSV into SHIELD.
- Tag, label and pin equipment.
- Complete inspections easily, following the tags.

Inspection Items

Item #FIR-MURE7TJ1DO
Stadium Pressure: Fire Extinguisher

Status (Auto-calculated)
Pass

Inspection Checklist

GENERAL **Questions**

Is the Fire Extinguisher Hung Properly or In its Cabinet?
 Pass Fail N/A Photo
Notes...

If the Fire Extinguisher has a Pressure Gauge, Is it in the Green?
 Pass Fail N/A Photo
Notes...

Is the Fire Extinguisher Unobstructed?
 Pass Fail N/A Photo
Notes...

Does the Fire Extinguisher Appear to be in Fully Operational Condition with No Damage?
 Pass Fail N/A Photo
Notes...

Is the Annual Inspection Tag in Place and Filled Out Monthly?
 Pass Fail N/A Photo
Notes...

Item Photo
 Take Photo

Notes
Add notes...

Action Items

Type of Action
All Types

All Items (0) Critical (0) High Priority (0) Normal (7)

Other Action Required

Failed Inspection Item
Failure at S-2
Located in Allied Community High School 331.
Specific Failure:
• If the unit uses a battery, does it stay lit for a min of 30 seconds when pushed?

Create Work Order

→ Inspection checklists are instantly accessible, enabling rapid pass/fail assessments and ensuring operational compliance

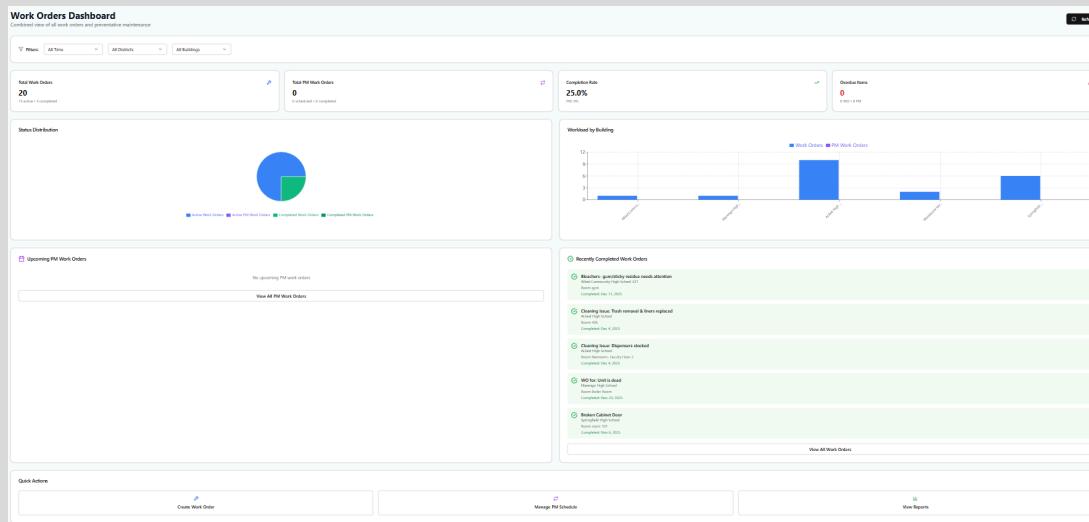
→ Capture a photo to complete your inspection. SHIELD's AI-powered reporting delivers consistent compliance and audit readiness.



WORK ORDER OPERATIONS

04

Work orders in SHIELD bring total clarity to both daily repairs and long-term preventive maintenance. Every request—whether it's a broken door closer or a scheduled PM task—is captured, assigned, and tracked in one streamlined workflow. Directors can prioritize issues, monitor progress in real time, and ensure PM work orders are completed on schedule to protect equipment life and reduce costly breakdowns. With built-in documentation, photos, and status updates, SHIELD turns work orders into a transparent, accountable system that keeps buildings safe, compliant, and consistently well-maintained.



Create Work Order

Work Order Details

Requester Information

- Requester Name:
- Requester Email:
- Phone:

Location Information

- Building:
- Building:
- Location / Room:
- Related Equipment (Optional):

Work Order Details

- Work Order Type: Regular PM Safety
- Date:
- Time:
- Title:
- Description:
- Type:
- Priority:
- This is an emergency

Availability for Service

- Date:
- Start Time:
- End Time:

Assignment (Optional)

- Assign To:

Buttons: Cancel, Save Work Order

Work Orders

Manage facility maintenance requests

Work Order Management

Work Orders Overview

11	8	0	Approved	0	Assigned	0	Active	3	0	Done	0	Hold	0	Urgent
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Filters & Search

Showing 11 of 11

WO #	Title	Building	Trade	Status	Priority	Assigned To	Created	Actions
Bleachers- gum/sticky residue needs attention	Allied Community High School 331	Housekeeping/Custodial	Completed	HIGH		toni	12/11/2025	
Cleaning Issue: Trash removal & liners replaced	Allied High School	Cleaning	Completed	HIGH		Unassigned	12/04/2025	
Cleaning Issue: Sinks (if present) cleaned	Allied High School	Cleaning	Submitted	NORMAL		Unassigned	12/04/2025	
Cleaning Issue: Sinks (if present) cleaned	Allied High School	Cleaning	Submitted	NORMAL		Unassigned	12/04/2025	

Add New PM Template

Create New PM Template

Template Name:

Equipment Type:

FCA Equipment List:

Building:

Checklist:

- Aerial Lifts
- Building Envelope
- Electrical
- HVAC
- Grounds
- Hardscape
- Ladder Work
- Plumbing
- Roofing

Estimated Duration (minutes):

Buttons: Cancel, Save Template

WO #: Cleaning Issue: Sinks (if present) cleaned

Created on December 4th, 2025 5:21 PM

Room 418: Sinks (if present) cleaned

Notes: No additional notes

Completion & Status

Change Status: <input type="text" value="submitted"/>	Assign Technician: <input type="text" value="Unassigned"/>
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Log Completion Details

Summary of Work Completed:

Internal Technician Notes (Optional)

Add any internal notes, observations, or recommendations...

People

Details:

- Building: Allied High School
- Location: 418
- Trade: Cleaning
- Equipment: N/A (No asset linked)

Assigned To: Unassigned

FACILITY USAGE OPERATIONS

05

SHIELD simplifies how school districts manage internal reservations and outside community rentals by centralizing all approved spaces, requests, invoicing, and insurance tracking in one place. Staff can reserve district spaces quickly, while external groups submit requests through a public link, with SHIELD automatically tracking required insurance certificates and generating invoices when fees apply. Every reservation is tied to district-approved spaces only, ensuring safe, consistent, and accountable facility usage across the district.

External Rental Request

Event Information

Event Name: Organization:

Organization Type: Commercial/For-Profit

Contact Information

Contact Person: Phone: Email:

Billing Information

Billing Organization: Billing Contact Person: Same as contact information

Billing Email: Billing Phone:

Billing Address: Street address

Address Line 2 (Optional): Suite, unit, building, floor, etc.

City, State, Zip: e.g., Springfield, IL 62704

Rental Details

Building: Space:

Date: Start Time: End Time:

Expected Attendance: Ccanceling allowed

Insurance Requirements

Insurance Certificate Required
All external rentals require proof of liability insurance. Please upload your certificate of insurance showing:
 Minimum \$1,000,000 liability coverage
 District listed as additional insured
 Valid coverage for more than

Upload Insurance Certificate: Choose file: No file chosen

Event Description
Describe your event...

Special Requirements
Any special setup, equipment, or requirements...

Cancel Submit Rental Request

External Rental Request Management

Filter Rental Requests

Search by event or organization:

Filter by Status: All Status

Event	Building	Date	Status	Actions
Untitled Event	Allied High School	Not set	<input type="button"/> submitted	<input type="button"/> Review

District Rental Settings

Configure district-wide rental policies, school hours, and building-specific overrides.

How to Use This Page: You can now configure the district's default rental policies or manage building-specific overrides.

Public Rental Request Link: Share this link with external organizations to submit rental requests.

Your District's Rental Request URL: <https://shareablelink.com/allied-school-district-public-rental-request>

How to Use: Add this link to your district website. Click on the link to open the public rental request form. Generate a QR code for easy access. External organizations can submit requests directly without logging in.

Settings for Allied School District 2: Select a category to manage settings for that category.

School Hours	Blockout Dates	Rental Terms	Building Overrides
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Internal Facility Booking Request

Submit your request to use a school facility. Requests during school hours are typically auto-approved if there are no conflicts.

Event Name * e.g., Staff Training, PTA Meeting **Organization/Department *** e.g., Math Department, PTA

Your Name * kroiland1988 **Your Email *** kroiland1988@gmail.com **Your Phone** 8473226704

Building * Select a building **Space/Room *** Select a space

Date * mm/dd/yyyy **Start Time *** --:-- **End Time *** --:--

Expected Attendance
Number of attendees

Event Description *
Describe your event...

Special Requirements
Any special setup, equipment, or requirements...

Cancel Submit Request

Rental Spaces

Manage spaces available for rental

Building	Space Name	Capacity	Base Rate/Hour	Status	Actions
Allied Community High School 301	Gym	1000	\$150/hr	Active	Edit Remove
Allied High School	Computer Lab	60	\$50/hr	Active	Edit Remove
Allied High School	Gym	750	\$100/hr	Active	Edit Remove

INVOICE

#ALLIED-2025-000001

Allied School District 2
12345 Allied Street, Illinois
Tori@alliedschooldistrict.org 847-555-2424

Bill To: Tori's Dance Tori tori@library.com 8477226537	Invoice Date: October 6, 2025
Due Date: November 5, 2025	Payment Terms: NET 30
Status: UNPAID	

Rental Details

Description	Date	Time	Amount
			Subtotal: \$200.00
			Total Due: \$200.00

Payment Instructions:
Please make checks payable to the district and mail to the address above. Include invoice number on check.

Thank you for your business!
Questions? Contact us at Tori@alliedschooldistrict.org

CUSTODIAL OPERATIONS

06

SHIELD's Custodial Operations module gives school districts a clear, data-driven view of cleaning performance across every building. Using APPA guidelines, districts can calculate accurate staffing requirements based on square footage, service levels, and workload expectations—ensuring teams are properly resourced and responsibilities are balanced. Floor-plan-based inspections allow administrators to zone out buildings, evaluate cleanliness by area, and document results with precision. The result is a transparent, consistent, and accountable custodial program that elevates building quality, supports staffing decisions, and ensures every space meets district standards.

Custodial Dashboard
Monitor cleaning performance across your facilities

Filters

District (from FM Dashboard)
Allied School District 2

Building (from FM Dashboard)
All Buildings

Date Range
Last 30 Days

Change using Location Filter on FM Dashboard

Score Trend (Last 30 Days)

Score Trend (Last 30 Days) chart showing a range from 75 to 100 over the period from Dec 7 to Dec 10. The chart is currently at 100.

Average Score by Area Type

Average Score by Area Type chart showing Classroom at 100% and Gym/Auditorium at 75%.

Zone Performance

No zone data available.

Daily Item Breakdown

Daily Item Breakdown chart showing the count of items for Clean, Needs Attention, and Poor categories on Dec 7 and Dec 10.

Recent Inspections

Allied Community High School 331

209 Classroom 12/10/2025	100% 7/7	207 Classroom 12/10/2025	100% 7/7	112 Gymnasium/Auditorium 12/7/2025	100% 5/5
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Cleaning Inspection

Mark as Substrate (Normally assigned: tcmilko)

Library
Library/Media Center
Zone Blue + tcmilko

0% Current Score

Checklist Items

Tables & chairs cleaned
Clean Needs Attention Poor N/A
Take Photo Upload

Computer stations wiped
Clean Needs Attention Poor N/A
Take Photo Upload

Shelving dusted
Clean Needs Attention Poor N/A
Take Photo Upload

Floors vacuumed/mopped
Clean Needs Attention Poor N/A
Take Photo Upload

Trash removed
Critical
Clean Needs Attention Poor N/A
Take Photo Upload

Entrance glass cleaned
Clean Needs Attention Poor N/A
Take Photo Upload

Overall Notes (Optional)
Any additional comments about this room...

APPAS Staff Calculator
Calculator custodial staffing needs based on APPA cleaning standards
www.appa.org/custodialstaffingcalculator.aspx

Building Configuration
Building Type (Industry Standard)
Select District (Optional)
Select Building (Optional)
Total Square footage

Area Types & Cleaning Levels

Area Type	Industry Std. Cleaning Level	District %	Building Sq.Ft.	Cleaning Level	Sq.Ft./PTE	PTE
Classroom	100%	30	1,170	Clean	10,110	4.0
Laboratory	100%	4	7,380	Clean	18,450	0.4
Office	100%	5	4,220	Clean	10,440	0.4
Gymnasium	100%	30	13,320	Clean	10,440	1.4
Theater/Auditorium	100%	5	4,030	Clean	10,060	0.1
Cafeteria/Booking	100%	5	6,020	Booking	12,040	0.5
Kitchen/Food Prep	100%	2	2,380	Clean	1,190	0.05
Restrooms	100%	4	3,280	Clean	8,160	0.4
Common Areas (Hallways, Stairwells, Decks)	100%	30	13,320	Clean	10,440	0.3
Specialty / Art Music etc	100%	30	13,320	Clean	10,440	0.3
Storage Rooms	100%	30	13,320	Clean	10,440	0.4
Mechanical Rooms	100%	30	13,320	Clean	10,440	0.4
TOTAL						2.24

Calculated Results

100% square footage: **125,000** Total cleaned: **100.0%** ADA TIME: **12** TOTAL PTE REQUIRED: **2.24**

Calculated Breakdown

Area Type	Industry Std. Cleaning Level	District %	Building Sq.Ft.	Cleaning Level	Sq.Ft./PTE	PTE
Classroom	100%	30	1,170	Clean	10,110	4.0
Laboratory	100%	4	7,380	Clean	18,450	0.4
Office	100%	5	4,220	Clean	10,440	0.4
Gymnasium	100%	30	13,320	Clean	10,440	1.4
Theater/Auditorium	100%	5	4,030	Clean	10,060	0.1
Cafeteria/Booking	100%	5	6,020	Booking	12,040	0.5
Kitchen/Food Prep	100%	2	2,380	Clean	1,190	0.05
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Mechanical Rooms	100%	30	13,320	Clean	10,440	0.4
TOTAL						2.24

Cancel **Save Inspection**

63
Total Rooms
0
Inspected Today
63
Remaining

Filter Rooms

Zone: All Zones | Area Type: All Types | Show All

Zone Legend

- Zone Green
- Zone Blue
- 90%+ Clean
- 70-89%
- <70%

● Interactive Room Plan 45 rooms

Zone & Plan

100%

Middle School Layout

Click on room = All Click on pass = Click pass to inspect

● Room List 45 rooms

Search rooms by name, type, or zone...

South Hallway Corridor/Common Area - Zone Blue	<input type="button" value="Not Inspected"/> <input type="button" value="Inspect"/>
North Hallway Corridor/Common Area - Zone Blue	<input type="button" value="Not Inspected"/> <input type="button" value="Inspect"/>
Courtyard Corridor/Common Area - Zone Blue	<input type="button" value="Not Inspected"/> <input type="button" value="Inspect"/>
705 Classroom - Zone Blue	<input type="button" value="Not Inspected"/> <input type="button" value="Inspect"/>
703 Classroom - Zone Blue	<input type="button" value="Not Inspected"/> <input type="button" value="Inspect"/>

IT OPERATIONS

07

SHIELD's IT Operations module centralizes every aspect of district technology management into one clear, intuitive system. The IT Dashboard gives leaders instant visibility into device inventories, open tickets, active projects, and building-level technology needs. All IT assets are cataloged and tracked, with optional floor-plan mapping to show exactly where devices, access points, and infrastructure components are located.

Staff can submit IT tickets through a simple, user-friendly form, while the IT team manages, assigns, and resolves requests with full transparency. Larger initiatives—network upgrades, device rollouts, security enhancements—are organized within IT Projects, giving districts a structured way to plan, track, and report progress. SHIELD brings order, accountability, and clarity to district technology operations, ensuring every device, request, and project is documented and managed efficiently.

The image displays the IT Dashboard application interface, which is a comprehensive tool for managing technology assets and support. The interface is divided into several sections:

- Header:** Features a logo with a laptop icon and the text "IT Dashboard" and "Technology Asset & Support Management".
- Overview:** A top-level summary section with the following data:
 - Total Assets: 31 (across all categories)
 - Infrastructure: 1 Active assets
 - Devices: 30 Assigned & available
 - Licenses: 0 Software licenses
- Ticket Queue:** A box showing 9 Open Tickets (Total active tickets), 3 Unassigned Tickets (Need technician assignment), and 2 Active Projects (Projects in progress).
- Upcoming Reminders & Deadlines:** A box indicating "No upcoming reminders in the next 30 days. You're all caught up!" with a green checkmark icon.
- Quick Actions:** Buttons for "View Assets", "View Tickets", "View Projects", and "Submit Ticket".
- IT Assets - first floor:** A detailed view for the first floor of the Allied High School, showing:
 - Filter: "first floor" (dropdown), "Refresh Status", "Cancel Ad Hoc".
 - IT Asset Legend: Pin colors indicate asset types and room labels.
 - Interactive Floor Plan: A map of the first floor with room numbers and labels for the Little Theater, Cafeteria, Media center, and Gymnasium.
 - Asset Details: A list of assets in the Media room, including a Teacher's desk, Tech lab, and a projector.
- IT Assets:** A central dashboard for managing IT assets, showing:
 - Total Assets: 30 (Active: 30)
 - Asset Inventory: Infrastructure, Devices, Licenses.
 - Search bar: "Search assets..." and "All Statuses".
 - Filter by Asset Name or Tag: A grid of letters A through Z.
 - List of assets:
 - Loaner 8 (Active, Type: Chromebook)
 - Loaner 13 (Active, Type: Chromebook)
 - Loaner 1 (Active, Type: Chromebook)
 - Student 712309 (Active, Type: Chromebook)
- Windows 11 Upgrade:** A progress bar showing the completion of the upgrade process, with a status message: "Windows 11 upgrade: Progress: 75% Complete. All devices have been upgraded as of 10/12/2023. All devices need to be checked and upgraded if necessary." and a "Done" button.
- IT Tickets:** A ticket detail page for "IT-2025-052204" (Submitted, laptop screen cracked). It includes:
 - Technician Actions: "+ Add/Edit Notes", "Schedule Service".
 - Status Actions: "Mark as Assigned", "Cancel Ticket".
 - Ticket Details: Description (Laptop, Teacher # 26 has a cracked screen), Requester (R. Tori Mikos, test123@test.com, 3312280596), Room/Location (Teacher: Hardt, #26).
- IT Support Request:** A form for submitting a technology support ticket, with fields for:
 - Your Information: Your Name, Your Email, Phone Number (Optional).
 - Brief Description of Issue: "e.g., Laptop won't turn on, Printer not working".
 - Detailed Description: "Please provide as much detail as possible about the issue".
 - Device Type: "e.g., Laptop, Desktop, Printer".
 - Priority: "Normal".
 - Location: Building (dropdown), Room Number / Location (e.g., Room 101, Library).
 - Photos or Screenshots (Optional but Helpful!): "Click to upload photos or screenshots".

ALLIED 360 - FCA



Allied360's Facility Condition Assessments provide districts with a highly detailed, expert-led evaluation of every major building system, piece of equipment, and deferred maintenance item. Unlike architect-produced FCAs—which often rely on generic RSMeans cost books and can be off by 10% or more—Allied360 uses real contractors from the region and has a proven track record of 1-2% cost accuracy. This is an additional paid service performed by industry specialists, giving districts defensible, real-world numbers they can trust for long-range planning.

Our FCA process goes far beyond traditional spreadsheet-driven assessments. Each evaluation includes:

- Visual inspections by true subject-matter experts in mechanical, electrical, architectural, roofing, plumbing, and life safety
- Turnkey replacement cost modeling that includes design/engineering, permits, project management, and ancillary expenses—not just equipment cost
- Detailed equipment logging, with every tagged asset entered into an intuitive digital dashboard
- QR-coded asset tracking, allowing staff to scan equipment on site and instantly view history, condition, and recommendations
- A digital FCA dashboard summarizing district- or building-level conditions, forecasts, and capital planning scenarios
- Annual update subscription, ensuring costs escalate correctly, replaced equipment is updated, and recommendations stay current

Districts benefit from:

- Accurate, defensible capital planning
- Predictable future financial needs
- Clear documentation for boards and communities
- Stronger vendor negotiations
- Improved preventative maintenance alignment
- Easy asset access through QR-code integration

District leaders choose Allied360 because they want clarity, accuracy, and confidence. Our SME-driven, contractor-validated, digitally delivered FCA eliminates guesswork and provides a level of precision and usability that architect-delivered assessments simply cannot match.

FCA OPERATIONS

09

SHIELD's FCA (Facilities Condition Assessment) Operations give school districts a clear, data-driven understanding of the health, age, and long-term needs of their buildings and equipment.

SHIELD applies industry-standard life-expectancy models, annual cost-escalation rates, and condition-based adjustments that upgrade or shorten the remaining life of each asset based on its actual state. This creates an accurate, living forecast of capital needs rather than a static report. A district- and building-level dashboard summarizes risk, replacement timelines, and investment priorities at a glance, while AI-powered reporting turns complex facility data into clear, actionable insights for superintendents, boards, and long-range planning.

FCA Dashboard
Facility Condition Assessment Overview

FCA Filters
District: Allied School District 2 | Building: Allied Community High School 331

Total Assessments: 1 (0 completed) | **Buildings Assessed**: 1 (out of 1) | **Estimated Costs**: \$189,858 (Total projected) | **Critical Issues**: 5 (1 poor condition)

5-Year Capital Forecast

Condition Distribution

Condition	Count	Percentage
Excellent	42	(75%)
Good	2	(4%)
Fair	4	(7%)
Poor	3	(5%)
Critical	5	(9%)

Urgency Timeline

Urgency	Count
Immediate	5
1-2 Years	3
3-5 Years	4
5+ Years	44

Facility Condition Index

Portfolio FCI: 3.9% (\$170K deferred)

BY BUILDING: Allied Community High School 331 (3.9%)

Cost by Category

Category	Cost
HVAC	\$4108K
Plumbing	\$226K
HVAC Systems	\$25K

Assessment Progress

Buildings: 1 / 1 | **Rooms Assessed**: Across 2 floor plans | **Completed**: 0 | **In Progress**: 1

Top Priority Items

- Electric Cabinet Unit Heater 1 (Allied Community High School 331 • B-2) - **critical** (\$8,25K)
- Domestic Water Pump 2 (Allied Community High School 331 • B-15) - **poor** (\$21K)
- Domestic Water Pump 1 (Allied Community High School 331 • B-15) - **poor** (\$21K)
- Heating Hot Water Unit Heater 2 (Allied Community High School 331 • B-18) - **critical** (\$21K)

Asset Age Distribution

Deferred Maintenance

\$0K (Deferred Items) | **\$172K** (Pending Critical)

Recent Activity

- Hosting Hot Water Cabinet Unit Heater 5 (Allied Community High School 331 • Bulk Import - Room 1) - **excellent** (about 1 month ago)
- Heating Hot Water Cabinet Unit Heater 2 (Allied Community High School 331 • Bulk Import - Room 1) - **excellent** (about 1 month ago)
- Electric Cabinet Unit Heater 1 (Allied Community High School 331 • Bulk Import - Room 1) - **excellent** (about 1 month ago)
- Heating Hot Water Cabinet Unit Heater 3 (Allied Community High School 331 • Bulk Import - Room 1) - **excellent** (about 1 month ago)

Recent Assessments by Building

Allied Community High School 331 | **1 Room - 0 completed**
Last assessed on 12/4/2025 | Bulk Import - Room 1

\$179K (Total cost)

FCA Floor Plans
Allied Community High School 331 • Floor 1

Location: District: Allied School District 2 | Building: Allied Community High School 331 | Room Plan: Room 1

78 Assessed | **16** Not Assessed | **62** Critical/Poor | **0** Major Issues | **\$0K** Total Cost

Filters & Legend

Floor 1

Edit Equipment
Update equipment details and assign assessment template

Assessment Configuration

FCA Assessment Template: HVAC Systems Assessment (5 categories)

PM Templates (Preventative Maintenance): Quarterly Cabinet Unit Heater PM (quarterly) | Add PM template... | Optional: Assign PM templates (e.g., Monthly, Quarterly, Annual)

Basic Information

Asset Name: Heating Hot Water Cabinet Unit Heater 5 | **Asset Number**: 4688 | **Equipment Sub-Type**: Unit Ventilators (Classroom Units)

Location: Building: Allied Community High School 331 | Room Identifier: V-2 | Room Name: vestibule V-2

Location Description: Detailed location within room

Condition & Status

Condition: Good | **Status**: In Service

Equipment Details

QR Code: <https://shieldbyallied.base44.app/#/FCAEquipment> | **Barcode**: Barcode for tracking

Manufacturer: Model Number: Serial Number:

Install Date: 09/15/2000 | **Expected Life (Years)**: 17 | **Or enter just a year and it will default to September 15th of that year**

Financial Information

Print Label | **Cancel** | **Save Changes**

Assessment Templates

Building Exterior Surfaces Assessment | **Ceiling Systems Assessment** | **Electrical Systems Assessment**

Exterior Doors, Storerooms & Windows Assessment | **Flooring Assessment** | **Interior Item Assessment**

Furniture Assessment | **HVAC Systems Assessment** | **Interior Wall Surfaces & Finishes Assessment**

Interior Wall Surfaces & Finishes Assessment | **Life Safety & Security Systems Assessment** | **Plumbing Systems Assessment**

Roofing Systems Assessment | **Site & Grounds Assessment** | **Specialty Area Assessment**

Technology & Communications Assessment

REPORTS AND ANALYTICS

SHIELD's AI Reports & Analytics engine transforms raw operational data into clear, actionable insights for district leadership. Instead of sifting through spreadsheets, logs, or disconnected systems, superintendents and directors receive instant, AI-generated summaries that highlight trends, risks, and priorities across maintenance, inspections, custodial performance, IT operations, and capital planning.

SHIELD analyzes patterns in work orders, PM completion, failed inspections, equipment age, staffing levels, and facility usage to surface what matters most—before it becomes a problem. With automated reporting, district-level dashboards, and intelligent forecasting, SHIELD gives leaders the clarity to make informed decisions, justify investments, and communicate confidently with boards and communities. It's a smarter, faster way to understand the health of every building and the performance of every operational program.

Custom Report Builder

Configuration

Define the parameters for your report. Start by selecting a data source and applying filters.

Load Saved Template Save Current Configuration Save as New

Primary Filters

Data Source: Inspection Items

District: All A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

Building: All A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

Date Field: Inspection Date

From: Pick a date To: Pick a date

Report Title: New Report

Report Description (Optional):

Advanced Filters

Generate Report

Report Results 211 records found.

Analyzing... Summary Detailed View PDF

Executive Summary

We are thrilled to announce an impressive pass rate of 94.7% for the recent inspections conducted in the Marquez Community High School District 114. This exceptional outcome underscores the commitment to maintaining high standards in facility management and safety protocols. The majority of facilities are at or exceeded compliance, which is a testament to the ongoing efforts of the staff and management in prioritizing the safety and well-being of students and staff alike. Congratulations to everyone involved for this remarkable achievement!

While the overall pass rate is excellent, there are some minor areas that require attention to ensure continued success. Specifically, a small number of extinguishers were found not to have their annual inspection tags properly filled out, and some fire-alarms test which could pose safety risks if not addressed promptly. Additionally, a few other safety items had deficiencies that need to be resolved. However, these issues are relatively minor and can be easily rectified.

The inspection encompassed a total of 211 items throughout the district, with 202 passing and 9 items failing. Of these failures, the most notable occurred at Marquez High School, which accounted for all but two deficiencies in specific categories. The comprehensive effort made to ensure safety within these facilities is commendable, and we look forward to seeing continued improvements in these areas.

Key Findings:

- Outstanding overall pass rate of 94.7% with 202 out of 211 items passing inspections.
- Minor deficiencies were noted in the Fire Protection category items, mainly regarding inspection tags and whereabouts.
- Majority of facilities maintained high compliance standards, demonstrating effective facility management practices.

Regulatory Compliance Issues:

The following items require attention to maintain regulatory compliance:

- Fire Extinguisher failures: NFPA 10 (Standard for Portable Fire Extinguishers).
- Eye Wash Station failures: OSHA 29 CFR 1910.39(b).
- Exit Door failures: ADA and NFPA 101 Life Safety Code.

Recommendations & Action Items:

IMMEDIATE: Please all fire extinguisher annual inspection tags are filled out correctly across all locations. Address deficiency issues immediately.

1 WEEK: Review policies concerning the fire extinguishers located in the Gymnasium-Concession Stand, specifically addressing low pressure and whereabouts requirements.

3 WEEKS: Verify and maintain operational condition for the Eye Wash Station in the Kitchen, ensuring that the bottles are sealed and the date is current.

1 MONTH: Conduct a thorough review of all exits to ensure hardware is operational and in good condition.

Conclusion:

To sustain the high safety standards displayed in this report, immediate actions are required to ensure compliance with fire extinguisher inspections and to correct the listed deficiencies. All related recommendations must be addressed promptly to foster a safe learning environment.

In summary, the district has demonstrated an incomparable commitment to safety with a remarkable pass rate of 94.7%. While there are minor adjustments needed, we encourage the Marquez Community High School District 114 to maintain this momentum, as it demonstrates a dedication to providing a safe and compliant environment for all students and staff. With the proposed actions implemented swiftly, we anticipate continued excellence in facility management.

Failed / Critical Items:

- Item #CVS-MRD-00744 - Kitchen - Eye Wash Station** Marquez High School 114 03/03/2024

Severity: medium	Non-compliance: No
Low pressure and/or seal required.	
- Item #FR-MRD-014 - Gymnasium Concession Stand - Fire Extinguisher** Marquez High School 114 03/03/2024

Severity: critical	Non-compliance: No
Low pressure and/or seal required.	
- Item #EXT-MRD-00101 - Door 10 - Exit and Fire Door** Marquez High School 114 03/03/2024

Severity: N/A	Non-compliance: No

FRACTIONAL FACILITY MANAGEMENT SERVICES

Superintendents lead best when their time is centered on students, instruction, and the long-term success of the district. In many rural systems, however, the absence of dedicated facility leadership means operational responsibilities naturally find their way to the superintendent's desk. Fractional Facility Management provides a clear, supportive structure that keeps facilities running smoothly while allowing district leadership to stay focused on their core mission.

Fractional Facility Management gives the district year-round operational stability, professional oversight, and a fully maintained SHIELD system – all for a fraction of the cost of hiring a full-time Director of Operations. It ensures nothing falls through the cracks, every building stays on track, and your facilities remain safe, compliant, and strategically managed. Quarterly on-site visits and continuous remote support keep your district ahead of problems instead of reacting to them.

ANNUAL SUBSCRIPTION

The Annual Subscription provides consistent, year-round facility management anchored by SHIELD. District leadership stays focused on students and instruction while facilities remain organized, compliant, and professionally overseen through ongoing support and quarterly on-site visits.

WHAT'S INCLUDED

- SHIELD updates and data maintenance
- Preventive maintenance and compliance oversight
- Quarterly on-site facility reviews
- Remote support for administrators and facility teams
- Work order and facility usage optimization
- Custodial program alignment
- Annual FCA review and capital planning support
- Reporting and analytics for leadership

Your district receives year-round facility leadership through a structured blend of on-site presence, ongoing oversight, and continuous operational support. Each building is monitored according to its size and complexity, ensuring SHIELD remains accurate, preventive maintenance stays on track, and operational needs are addressed proactively.

This includes monthly monitoring of every building, quarterly in-person facility reviews, and continuous access for administrators, custodial teams, and maintenance staff. Together, this creates a comprehensive layer of leadership coverage that keeps your facilities safe, compliant, and aligned with district priorities while allowing the superintendent to remain focused on students and instruction.

ADDITIONAL FACILITY MANAGEMENT SERVICES

In addition to the Annual Subscription, districts may access specialized facility management services as needed. These services provide targeted support during high-impact moments such as emergencies, staffing transitions, construction projects, and procurement cycles. Each service is available as a lump-sum engagement or hourly support, depending on district preference.

Emergency Support

Stabilization, vendor coordination, cleanup oversight, insurance documentation, and construction management.

Staffing Support

Hiring assistance, job descriptions, screening, and interview participation.

Procurement Support

Bid preparation, scope development, vendor coordination, and evaluation.

Project Oversight

Owner's rep services for construction, renovation, and capital projects.

Operational Assessments

Facility condition assessments, custodial program reviews, PM program build-outs, and safety audits.

Strategic Planning

Energy reviews, facility use program optimization, and capital planning workshops.

Districts gain access to a full suite of professional facility management services through a flexible, value-driven structure designed to meet their needs without unnecessary complexity. Whether the district is navigating an unexpected emergency, preparing a major bid, managing a construction project, or planning long-term improvements, support can be added seamlessly and immediately. Every service is delivered with the same level of leadership, expertise, and operational clarity that districts expect from a seasoned Director of Operations—without the overhead of hiring additional staff or entering into multiple contracts. This gives superintendents the confidence that whenever a challenge arises, they have a trusted partner ready to step in with the right level of guidance and oversight.

Once a district selects the service they need, a tailored proposal is provided outlining both a lump-sum option and an hourly option, giving them complete control over how the work is structured and funded. This ensures every engagement is right-sized, predictable, and aligned with district priorities. By offering clear choices and transparent scopes, districts only pay for the support they actually need—nothing more. It's a simple, superintendent-friendly model that delivers high-quality expertise in the most efficient, cost-effective way, while reinforcing the district's ability to respond quickly, plan strategically, and maintain operational stability year-round.

NOTES



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