



INSPECTION AND COMMISSIONING SOFTWARE - IN DEVELOPMENT

Inspection Suite

Complete Feature Guide

NFPA-based Inspection Mode and Project Mode for specialized fire-protection systems.

Built for the Field. Ready for the Future.

Two complete workflows. One connected inspection history.

Inspection Suite is planned as a local-first Windows application that guides recurring inspections and commissioning projects from customer setup through final documentation.

Inspection Mode

Guide recurring inspection work using system-specific steps and the applicable inspection frequency.

- Monthly, semiannual, and annual workflows where applicable
- Device inventory, testing progress, results, notes, photographs, and signatures
- Deficiencies captured during testing with assignment, status, correction, retest, and closure
- Applicable supported inspection forms populated from verified job data
- Professional inspection, device-inventory, and deficiency reports

Project Mode

Manage installation, acceptance testing, commissioning, changes, and closeout as one organized project.

- General contractor, customer, building, system, AHJ, panel, monitoring, and schedule information
- Daily notes plus additions, deletions, modifications, and field changes
- Commissioning and integrated system testing results
- Record of Completion populated from verified project and commissioning data
- Completed commissioning baseline carried into future inspection history

ENTER AND VERIFY ONCE



CARRY INFORMATION FORWARD



REVIEW AND FINALIZE

Purpose-built for specialized fire-protection work

Each supported system is planned to receive inspection and commissioning logic aligned with its equipment, operating sequence, documentation, and applicable NFPA framework.

Fire Alarm System, panel, power, circuits, devices, interfaces, alarm functions, restoration, and commissioning.	Clean Agent Releasing controls, cylinders, alarms, aborts, manual release, discharge functions, signs, and commissioning.
VESDA Aspirating detection inspection, model and serial records, monitoring path, functional testing, and commissioning.	Preaction Single- and double-interlock logic, detection, releasing, valve operation, waterflow, and commissioning.
Dry Pipe Valve, air supply, alarms, trip testing, compressor verification, restoration, and commissioning.	Deluge Detection, releasing, valve operation, waterflow, alarms, functional testing, and commissioning.
Foam Releasing, proportioning, system equipment, operational checks, and inspection documentation.	Aerosol NFPA 2010-based detection, releasing, aerosol generators, alarms, signs, and commissioning.

Scope boundary: fire-pump testing and kitchen suppression are not included in the current product direction.

Everything needed to move from site setup to final inspection report

The workflow is designed to reduce duplicate entry while preserving technician review, responsible-party approval, and a durable history.

Job and asset structure

Keep every record in context.

- Customer > Building > System > Floor or Area > Device > Test Record
- Flexible floors and areas for small buildings, high-rises, and complex facilities
- Persistent system and device history across inspections

Imports and inventory

Start from existing records or enter data manually.

- Excel and CSV list import
- Supported PDF import workflow with review before acceptance
- Bulk inventory editing, duplication, numbering, and progress tracking

Field testing

Keep the technician focused on the current system.

- System-specific checklist and functional-test sequence
- Fast result entry, completion status, restoration, and readiness checks
- Notes, photographs, documents, and customer signatures

Deficiency lifecycle

Turn findings into accountable follow-up.

- Automatic collection while testing
- Open, In Progress, and Complete status
- Technician assignment, corrective action, retest, photographs, and closure history

Commissioning records that become the system's starting history

Project Mode is planned to capture the people, equipment, tests, decisions, changes, and approvals required to close out a fire-protection project professionally.

Project foundation

Define the complete project context.

- General contractor, customer, site, building, floors or areas, systems, and project contacts
- Contractors, AHJ, monitoring company, scope, dates, and selected NFPA edition
- Panel, releasing-panel, system, and monitoring information

Daily project record

Preserve what happened and why.

- Daily notes and activity history
- Additions, deletions, modifications, and field changes
- Photos, supporting documents, open items, and responsible parties

Testing and commissioning

Verify each system before closeout.

- Installation, acceptance, operational, and commissioning checks
- Alarm, trouble, supervisory, release, notification, abort, and manual-release functions where applicable
- Integrated testing and readiness review

Record of Completion

Use verified project data to prepare closeout.

- Applicable Record of Completion populated automatically
- Remaining certifications, signatures, and closeout fields clearly identified
- Final review before authorization and issue

Parent oversight. Technician focus. Professional output.

Inspection Suite separates field productivity from administrative authority while keeping the same accurate job information connected throughout the workflow.

Parent / Administrator

Control the company-level operation.

- Company-wide jobs, progress, users, assignments, and settings
- Deficiency review and follow-up
- Final-report authorization and selective delegation to qualified technicians
- Backup, company settings, and optional branding controls

Child / Technician

Work from a focused field workspace.

- Assigned jobs, systems, priorities, and inspection steps
- Device results, inventories, notes, deficiencies, and photographs
- Draft submission for review
- Only the permissions granted by the Parent account

Reports and delivery

Turn verified work into usable records.

- Inspection, device inventory, deficiency, commissioning, and closeout reports
- Finalized snapshots, revision history, PDF, print, and email delivery
- Optional company logo, colors, and report presentation
- Internal QR access designed to reopen the corresponding job

Local-first reliability

Keep field work practical and recoverable.

- Windows operation without required cloud storage
- Offline work, autosave, backup, and restoration
- Audit history and finalized-report protection
- Parent and Child participation under controlled permissions

NFPA-based guidance with enhanced local profiles

Inspection Suite is intended to support worldwide interest in NFPA-based inspection and commissioning work without suggesting that one jurisdiction's rules apply everywhere.

Worldwide NFPA foundation Use the supported workflows wherever NFPA-based work is performed. - Selectable NFPA editions - Configurable local AHJ information - System-specific inspection and commissioning logic - Professional confirms locally adopted requirements	Enhanced jurisdiction profiles Add location-specific automation where requirements demand it. - NYC profile - California profile - Florida profile - Phoenix profile, with additional cities and jurisdictions planned for future upgrades
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ANNUAL LICENSING

PARENT LICENSE \$999 USD per year	EACH CHILD COMPUTER \$300 USD per year - billed annually	OPTIONAL BRANDING \$399 USD one-time
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One Parent + one Child: **\$1,299/year** | One Parent + five Children: **\$2,499/year**. No Child computer is included automatically. Applicable taxes are additional.

Help shape a practical tool built around real fire-protection work

Inspection Suite remains in development. Features, forms, timing, and jurisdiction profiles may change as architecture becomes tested product functionality.

Planned product direction

The controlled architecture and promotional direction include:

- Inspection Mode and Project Mode
- Eight specialized system families
- Automatic supported-form and Record of Completion population
- Parent and Child roles, reports, deficiencies, history, and local-first operation

JOIN THE EARLY INTEREST LIST

Follow Inspection Suite development

Share your system specialties, inspection work, and jurisdiction needs with BAS Software Solutions.

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This guide describes planned product direction and is not a claim of current availability, certification, or universal code compliance. Local requirements and adopted code editions vary by jurisdiction. The responsible professional must confirm requirements with the applicable authority having jurisdiction.