



BAS SOFTWARE SOLUTIONS

BAS CALIBRATION SUITE FOR WINDOWS

Professional Calibration Management - Built for the Work Technicians Actually Do

Manage customers, jobs, instruments, guided calibrations, professional reports, and calibration history in one straightforward application.

File Customers Current Job Calibration Reports Instruments History Settings Help

STANDARD JOB WORKFLOW
EXAMPLE POWER GENERATION 1 CALIBRATION JOB
EXAMPLE POWER GENERATION 1 - 1000000 - 123456

ACTIVE JOB
JOB-20250822-1118
Setup Menu

1 Job Setup Customer info job details 2 Technician Person performing work 3 Test Equipment Hardware and test data 4 Instrument Define the test device 5 Calibration Compare the test

Define Instrument
Once the test instrument has been defined, this generates the calibration table.

Customer: EXAMPLE POWER GENERATION 1 PLANT / FACILITY: SOGMM Technician: EXAMPLE TECHNICIAN Test Equipment: PLURE / 1345 / 123456

INSTRUMENT IDENTITY

Instrument Type: Transmitter Instrument Designation: FIT Instrument Tag: 447B Service: EXAMPLE HEADER Manufacturer: EXAMPLE MODEL Model: MODEL ID

Flow Indicating Transmitter
Enter the recommended tag value only. The selected designation is added automatically on the final report.

Serial Number: SERIAL MODEL System: HEADER EXAMPLE Location / Area: EXAMPLE TUBING

CALIBRATION RANGE & REQUIREMENTS

Calibration LRV: 150 Calibration URV: 0 Engineering Units: mSLD Process Engineering Units: GPM Substrate: ± 0.25 Calibration Points: 5

Calibration Due Date: 08/23/2027 Output LRV (mA): 4 Output URV (mA): 20

Back Save Instrument Save & Finish for Today Save Instrument & Generate Calibration Table

30-day activated trial | Starting at \$399/year | Complete software

BUILT AROUND REAL CALIBRATION WORK

Spend less time organizing paperwork and more time completing the work.

BAS Calibration Suite brings the full calibration process into one connected Windows application. Technicians can follow a clear workflow, reuse information already entered, and produce consistent customer-ready documentation.

01

Guided calibration workflow

Move clearly from customer and job setup through instrument selection, calibration, review, and final reporting.

02

Less repetitive data entry

Reuse technician defaults and instrument information while BAS supplies appropriate dates throughout the workflow.

03

Professional final reports

Turn recorded calibration work into organized documentation without rebuilding the report in another application.

WHO BAS IS FOR

Technicians and service professionals Instrumentation and calibration technicians; independent and solo technicians; contractors and small service companies; calibration service companies.	Industrial organizations and leaders Power-generation and utility facilities; industrial plants and maintenance organizations; I&C supervisors; maintenance supervisors; calibration managers.
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One complete product. No artificial Basic, Business, or Professional feature tiers.

From customer setup to final report

01 Customer	02 Job	03 Instrument	04 Calibration	05 Final Report	06 History
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File

Customers

Current Job

Calibration

Reports

Instruments

History

Settings

Help

Active Data Information

JOB-2010622-1118 - EXAMPLE POWER GENERATION 1 - 447B - Transmitter - FLUKE / 114E / 1214A

Edit Instrument Setup

Save & Print Worksheet

TRANSMITTER CALIBRATION REPORT

Freeport transmitter calibration

A Calibration Test Results

The following table contains test results from one transmission direction.

Alt Name	Power Output	Transmit Frequency	Po Power Range	Po Power Unit	Po Power Min & Max	Reference Value	Actual Value	Accuracy	Quality Assurance
1N1	10.00W	6.00M	70.0	dBm	-0.00dB	PASS	60.0	-0.00%	PASS
2YX	10.00W	6.00M	110.5	dBm	-0.00dB	PASS	110.5	-0.00%	PASS
3R1	75.00W	10.00M	75	dBm	-0.00dB	PASS	75	-0.00%	PASS
7T4	17.00W	9.00M	27.5	dBm	-0.00dB	PASS	27.5	-0.00%	PASS
5M5	0.00W	20.00M	0	dBm	-0.00dB	PASS	0	-0.00%	PASS

CALIBRATION SUMMARY

Maximum Air Flowed Error (% Span)	100%	Desired Air Flowed Result	PASS
Minimum Air Loaded Error (% Span)	100%	Desired Air Loaded Result	PASS

Back

2 of 4 -- Details

Next

STRUCTURED CALIBRATION WORKFLOWS

Four instrument types. One consistent experience.

TX

Transmitters

Configure input range, output signal, tolerance, direction, and test points; capture as-found and as-left results.

SW

Switches

Record set, reset, deadband, functional verification, adjustments, and final condition.

OHM

RTDs

Document sensor type, temperature range, resistance values, test results, and verification.

mV

Thermocouples

Capture thermocouple type, temperature range, millivolt results, verification, and traceability.

The technician remains in control

BAS guides the sequence of work and performs consistent calculations, while the technician records the actual field results, reviews the information, and determines when the calibration is ready to complete.

The screenshot displays the 'Define Instrument' step within the 'EXAMPLE POWER GENERATION 1 CALIBRATION JOB' workflow. The interface includes a top navigation bar with tabs for File, Customers, Current Job, Calibration, Reports, Instruments, History, Settings, and Help. The main workflow area shows five steps: Job Setup, Technician, Test Equipment, Instrument (active), and Calibration. The 'Define Instrument' section contains the following fields and options:

- Customer:** EXAMPLE POWER GENERATION 1
- Plant / Facility:** 330000
- Technician:** EXAMPLE TECHNICIAN
- Test Equipment:** FLUKE / 3345 / 123456
- Instrument Type:** Transmitter (dropdown)
- Instrument Designation:** FET (dropdown)
- Instrument Tag:** 4478
- Service:** EXAMPLE HEADER
- Manufacturer:** EXAMPLE MODEL
- Model:** MODEL DD
- Serial Number:** SERIAL MODEL
- System:** HEADER EXAMPLE
- Location / Area:** EXAMPLE TURBINE
- Calibration Range & Requirements:**
 - Calibration LVF:** 0
 - Calibration HVF:** 4
 - Engineering Units:** mV/dC
 - Process Engineering Units:** GPM
 - Tolerance:** ± 0.25
 - Calibration Points:** 5
 - Calibration Due Date:** 08/22/2027
 - Output LVF (mA):** 4
 - Output HVF (mA):** 20

At the bottom, there are buttons for 'Back', 'Save Instrument', 'Save & Field for Today', and 'Save Instrument & Generate Calibration Table'.

Connected documentation from the work already completed

- ✓ Technician and reviewer information
- ✓ Test equipment and traceability
- ✓ Corrective-action notes
- ✓ Calibration records and history

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Complete software on every licensed computer

Pricing changes only according to the number of active Windows computers - not by removing features.

First computer \$399 per year	Computers 2-3 \$300 each per year	Computer 4+ \$250 each per year
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TRY BEFORE YOU PURCHASE

30 calendar days from successful trial activation

The trial period begins after the first successful activation - not when the installer is downloaded. Trial users can experience the BAS workflow, customer and instrument management, supported calibration types, report generation, records, and history.



See BAS Calibration Suite in action
Visit the product website, join early access, and download current information.

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basssoftwaresolutions.com

Designed and tested for 64-bit Windows 11 Home. Other Windows 11 editions may also work but are not officially verified until additional testing is completed.