SCAL 360
SOFTWARE INTRODUCTION

SENSIT Technologies offers data management software, called SCAL 360, that is used to download and manage calibration and bump testing records from any of our calibration stations. This allows for automatic data transfer and notification for compliance reports as well as many other features listed below. There are two different versions of the software, depending on the needs of the customer.

SCAL-D 360

The desktop version of the software (SCAL-D 360) is sold with a multi-year license. It is single-user software and generally used with a single station or only a few stations. Each station communicates directly with the computer that SCAL-D 360 is installed on via a USB connection.

SCAL-N 360 (admin and user)

The network version of the software (SCAL-N 360) is sold with a multi-year license. It can remotely communicate to any number of stations over a company's network, regardless of their physical locations. SCAL-N 360 operates within the network, behind the company's firewall. All stations share one central SQL server database, allowing instrument users to calibrate/bump test their instruments at any location.

- The administrator, using SCAL-N Admin, adds stations and locations, downloads data, and can assign supervisors and instrument users. SCAL-N Admin software is the link between stations in the field and the database where information is stored.
- Any number of other users (generally supervisors at each specific location), using SCAL-N 360 User, can view and manage instruments specific to them, assign instrument users, and claim unassigned instruments. SCAL-N 360 Users have limited access to the database (restricted by the application) and do not have the ability to download from stations, ensuring there are no conflicts.

Both versions of the software include the features listed below.

- All data from SMART-CAL 360 Stations, (legacy) SMART-CAL Stations, SCAL-400 Stations, and SCAL-100 Stations can be manually or automatically downloaded to one central location at regular intervals. For SCAL-D 360, this is generally just a single station.
    - o Supports calibration and bump test data for any instruments and gas types that the calibration stations support.
    - o Additionally, there is support for VMD calibration files to be imported to the software, and P400 Event Log files to be downloaded.
- Manage locations and calibration stations at those locations.
- Assign a hierarchy of instruments, users (with employee ID number), and supervisors, and any additional personnel as desired. This is greatly improved over the old version of SCAL software, and now has a simple drag-and-drop interface.
    - o Supervisors can receive reports that only pertain to users/instruments at their location(s).
    - o SCAL 360 keeps a history of users/instrument assignments.
    - o Add comments to instruments/users for any additional information that might be necessary.

- Automatic reporting (Auto-SCAL) generates and emails the following reports without any user interaction, after initial setup. This can also be done manually.
    - **Test Due Alert Report**
      List of instruments that are past due for either a bump test or calibration.
    - **Failure Alert Report**
      List of instruments that have failed either a bump test or calibration.
    - **Monthly Report**
      Summary of the previous month for all instruments (passed or failed).
    - **Cal Gas Expiration Warning Report** (Optional)
      List of any calibration gas that is about to or has already expired.
    - **No Supervisor Report**
      All supervisors will receive the above reports for any instruments that have not been assigned to a specific supervisor.
- Many more reporting features, including:
    - **Calibration Gas Status Report**
      Lists all calibration gas data with expiration dates.
    - **Future Test Due Report**
      Expands functionality of the Test Alert Report and lets any date be chosen to view instruments that will be due/past due on that date.
    - **List Out-Of-Service Instruments**
      List of instruments that are either (1) past due for calibration by a specified number of days or (2) have failed the latest attempt to calibrate.
    - **Service Reports**
      Gives bump test/calibration data with much more detailed information, specifically the sensor outputs at the time of testing/calibration.
    - **Custom Report**
      Pick specific locations, instruments, date ranges, etc. and generate a report based on those choices.
- Instrument operators can be sent an SMS text alert that their instrument is due for calibration.
- Generate a calibration certificate for any instrument showing the most recent successful calibration data.
- Assign instrument status as needed. This functionality has been expanded and now includes: active, inactive, out of service, and retired. For example, if an instrument is sent into SENSIT for repair, it can be marked as "out of service", so that it does not show up on reports while out.