



FVC TEST ENHANCEMENTS - calculation of iso-volume flows whereby subsequent FVC efforts are registered (pre-med FEF25-75 against post-med FEF25-75) within a test and the flow measurements are reported for those registered values. Flow-volume loop envelopes are also available for FVC tests. All acceptable efforts are overlaid and an envelope curve is traced that provides the best/highest flows.

NITROGEN WASHOUT LUNG VOLUMES ENHANCEMENTS - QA Grading is extended to the Lung Volume N2 module; Lung Volume N2 graphs are displayable overlaid with previous curves; Lung Volume N2 parameters are displayable in trended displays; Lung Volume calculations are configurable, providing several equation choices; Manual Data Entry will be corrected so it is reportable in Lung Volumes N2 module; SBO2 has been removed from the combined N2 test maneuver and the capability to perform a separate SBO2 test has been added.

LICENSING - a new licensing model will allow the software to be controlled on a per-seat basis. The functional licensing process utilizes a global activation key. All features are activated on a specific computer with the key.

USER INTERFACE AND NAVIGATION - A new nSight portal, called **nSight Central**, provides a new “front-end” to the nSight product. nSight Central provides useful new functionality for nSight users. nSight Central is a standalone user interface, displayed when the user starts nSight that can invoke existing nSight modules providing:

- Shortcuts: icon-based shortcuts to all of nSight’s functionality, including all tests and tools. You can configure Central to include only shortcuts to the nSight functionality you use most
- Inboxes (previously known as caches), where you can add, move, or remove patient visits
- Patient information quick-view, displaying the most relevant patient visit information. You can close existing visits and create new visits from one centralized screen
- Report preview, where you can easily view an extended report with the selected patient’s data
- iFlow Accuracy, which displays iFlow's improved average pneumotach accuracy
- nSight Central also includes HIPAA-compliant features, such as hiding patient data when the screen is not active.
- Links to relevant nSpire Health content

DATA CONNECTIVITY – HDNET - fulfills customers’ needs for EMR/HIS system integration with a server software capable of exchanging HL7 messages with a large variety of EMR/HIS systems. The HDnet server application will support order entry (ORM/ORR, OML/ORL, and OMG/ORG) and patient administration (ADT) incoming message types. It will also support order response and unsolicited response outgoing message types and message transmission via TCP/IP using HL7 MLLP protocol, via files, and configurable message generation.