

ACCURATE

QUICK START GUIDE



Statmon Technologies Corp.
3000 Lakeside Drive, Ste 300s
Bannockburn, IL 60015
847 604 5366
www.statmon.com

The *Accurate* system is delivered to the *Customer* with software installed and configured to operate. Only some customization for notifications and alarms is required.

Follow STEPS 1→9 as illustrated in Flow Diagram *FIGURE 1* below and in *APPENDIX: DIAGRAMS AND SCREENS*:

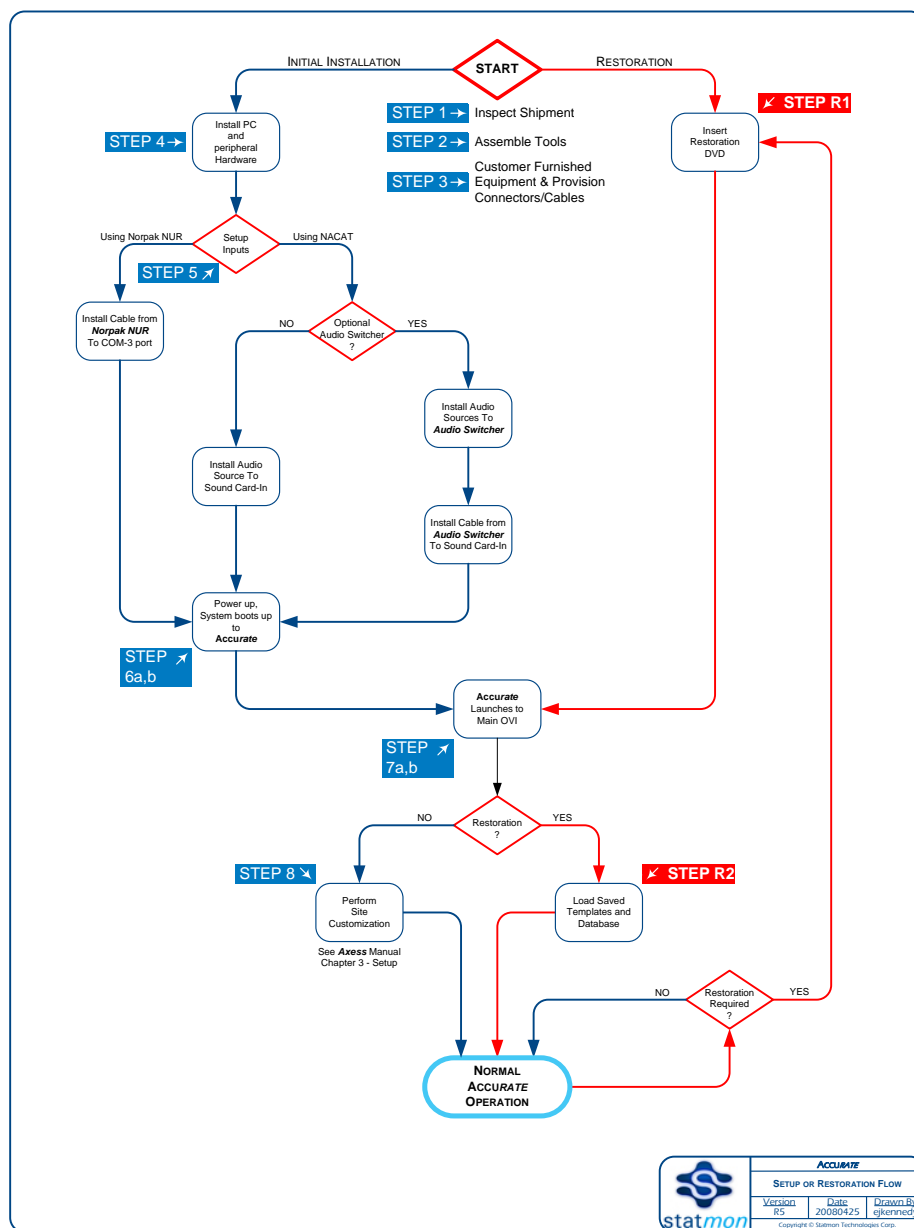


FIGURE 1

Step 1 --**OPEN** the shipping box(es) and assure that the following are within:

Computer system:

- 1RU *Accurate* server computer
- Power cord
- Mounting Rails for 4-post EIA standard equipment rack (shelf-bracket style)

Packet containing:

- Windows OS disks and Windows License Key information
- Hardware backup/restoration/driver disks
- Hardware manuals for RS-485 and sound card
- Warranty information on cards

Optional Audio Switcher:

- Audio Switcher
- Power Cord
- Manual

*Report any missing items to
Statmon Support via e-mail:
support@statmon.com*

Step 2 --**TOOLS AND SUPPLIES** *Customer provides:*

- Screwdriver(s) (Phillip or Slotted, depending upon screw-type used):
 - to mount rack rail brackets
 - to install audio cables to rear screw-down terminals on rear of *optional* Audio Switcher and/or Norpak NUR
 - for DB9 hood captive screws
- **IF assembling cabling:**
 - Multi-conductor 18-22ga wire for RS-485 cable, length per *Customer* site
 - DB9 connectors and hoods
 - 3-conductor 18-22ga audio wire (8451 or equivalent) for audio cable to sound card or *optional Audio Switcher* inputs
 - CAT-5 wire, length per *Customer* site
 - RJ45 Crimp Tool and RJ45 connectors
 - Soldering iron/lead-free solder
 - Wire stripper
 - Small needle nose pliers or the like
 - Shrink tubing, as appropriate

Step 3 -- **EQUIPMENT AND CABLING** *Customer provides:*

- 101-key Keyboard and Mouse
- 1024x768 or better resolution PC Monitor
- KVM, if utilizing shared monitoring/operation
- PC Speakers, optional
- Network hub or switch, for connection to Customer LAN/WAN and Internet
- Surge protection / Uninterruptible Power Supply (UPS)
- DB9 RS-485 *female connector* cable to connect Norpak NUR
- 3.5mm *male* Audio plug cable to connect *unbalanced Audio-In* on Sound Card (from Station Program or Off-air source)
- Any test equipment for cabling and connectors

Step 4-- INSTALL hardware and cabling:

- Rack rail brackets, according to instructions enclosed with rail kit
- **Accurate** server computer – maintain power safety or isolated ground, as appropriate
 - Surge protection recommended
 - UPS, optional, but recommended

Step 5-- SETUP inputs:

- **CONNECT** per **FIGURE 2** below and in **APPENDIX: DIAGRAMS AND SCREENS**:
 - RS-485 Cable to Sealevel card COM3, card port-1 (**RIGHT** hand connector facing back)
 - Station Program or Off-air audio feed [from *optional Audio Switcher*, if *purchased*] to **GREEN** input on sound card
 - Ethernet cable to Network port-1 (**TOP** port of two)
 - Equipment power cord(s)

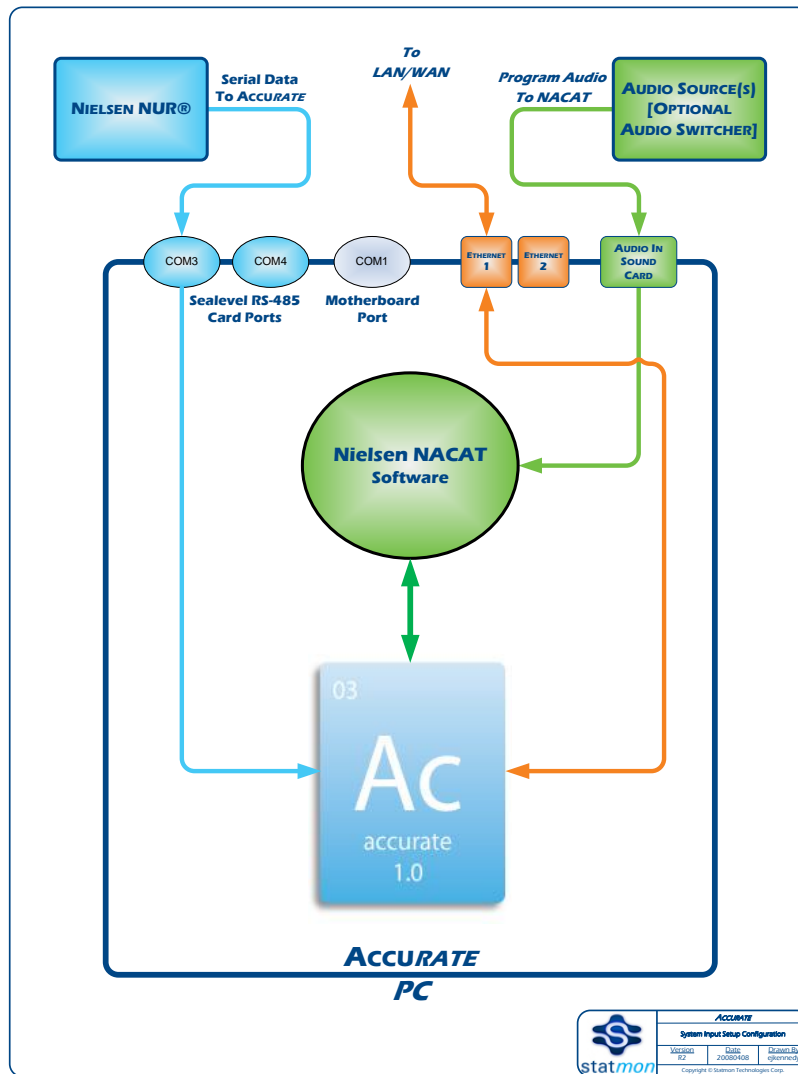


FIGURE 2

See **APPENDIX: DIAGRAMS AND SCREENS** at end of document for FULL-PAGE DIAGRAM

Step 6a-- **TURN ON Accurate** system and all associated equipment and systems:

- Any surge protection / UPS equipment
- Any external systems required for RS-485 and sound feeds
- Monitor / KVM system
- **Accurate** server computer

Step 6b-- **OBSERVE**:

Accurate server computer powers up, fans rush air then settle to lower speed operation

Step 7a-- **OBSERVE Accurate** launches and displays:



FIGURE 3

See [APPENDIX: DIAGRAMS AND SCREENS](#) at end of document for FULL-PAGE DIAGRAM.

Step 7b-- **OBSERVE** that **Station Call Sign** and **Distributor SID** are correct on each channel and that Encode Times are incrementing up time (See **FIGURE 3**).

NOTE: *Accurate currently does not verify correctness of **Program SID**, but can alarm or notify on its absence from a channel.*

Step 8-- **CUSTOMIZE Accurate** system for *alarms and notifications*, call Statmon Support.

TO RESTORE SYSTEM

Step R1-- **INSERT** Restoration DVD into drive on Accurate system

Step R2 – **LOAD** Templates and Database from backup or saved file location.

FIGURE 1

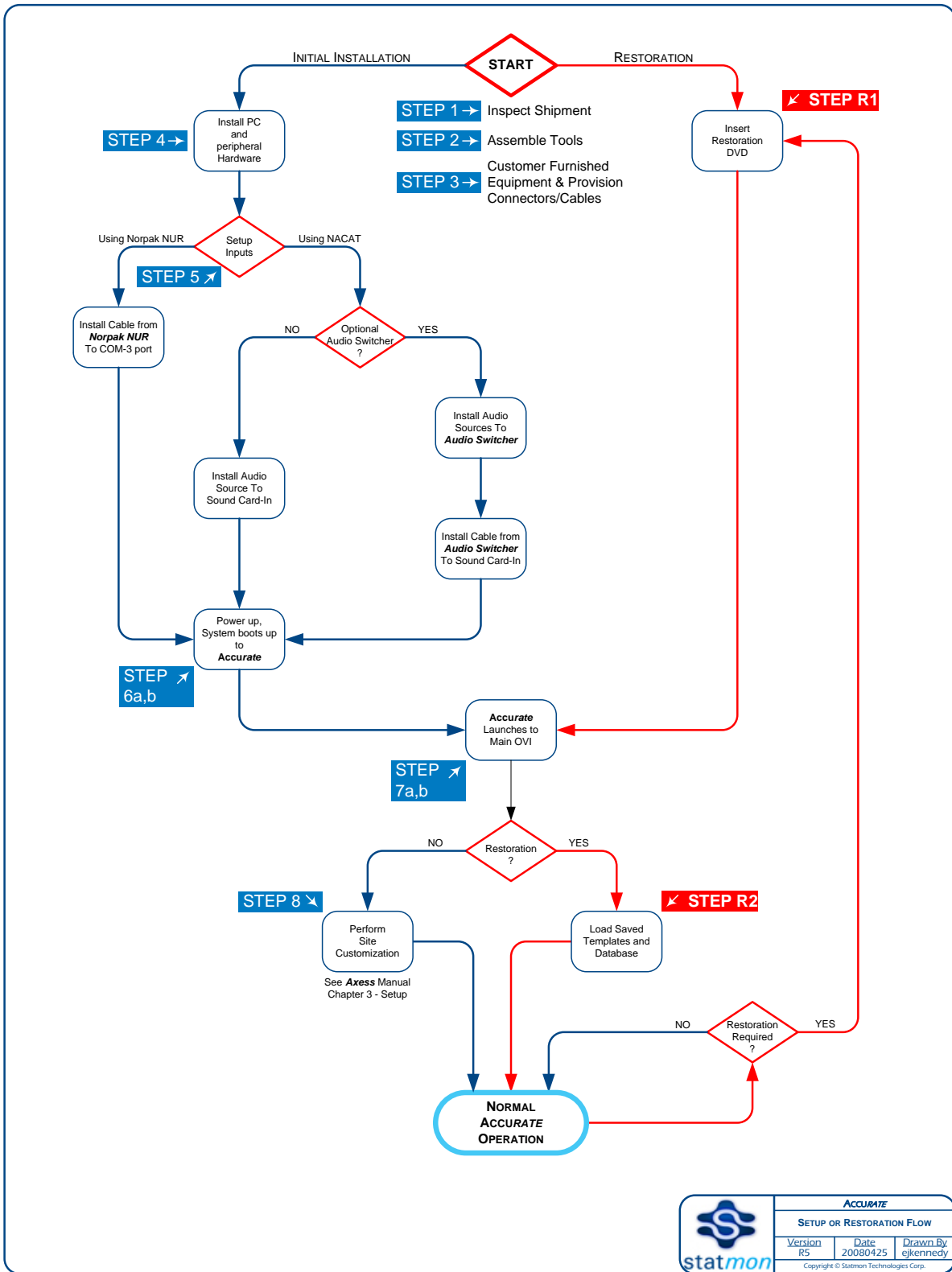


FIGURE 2

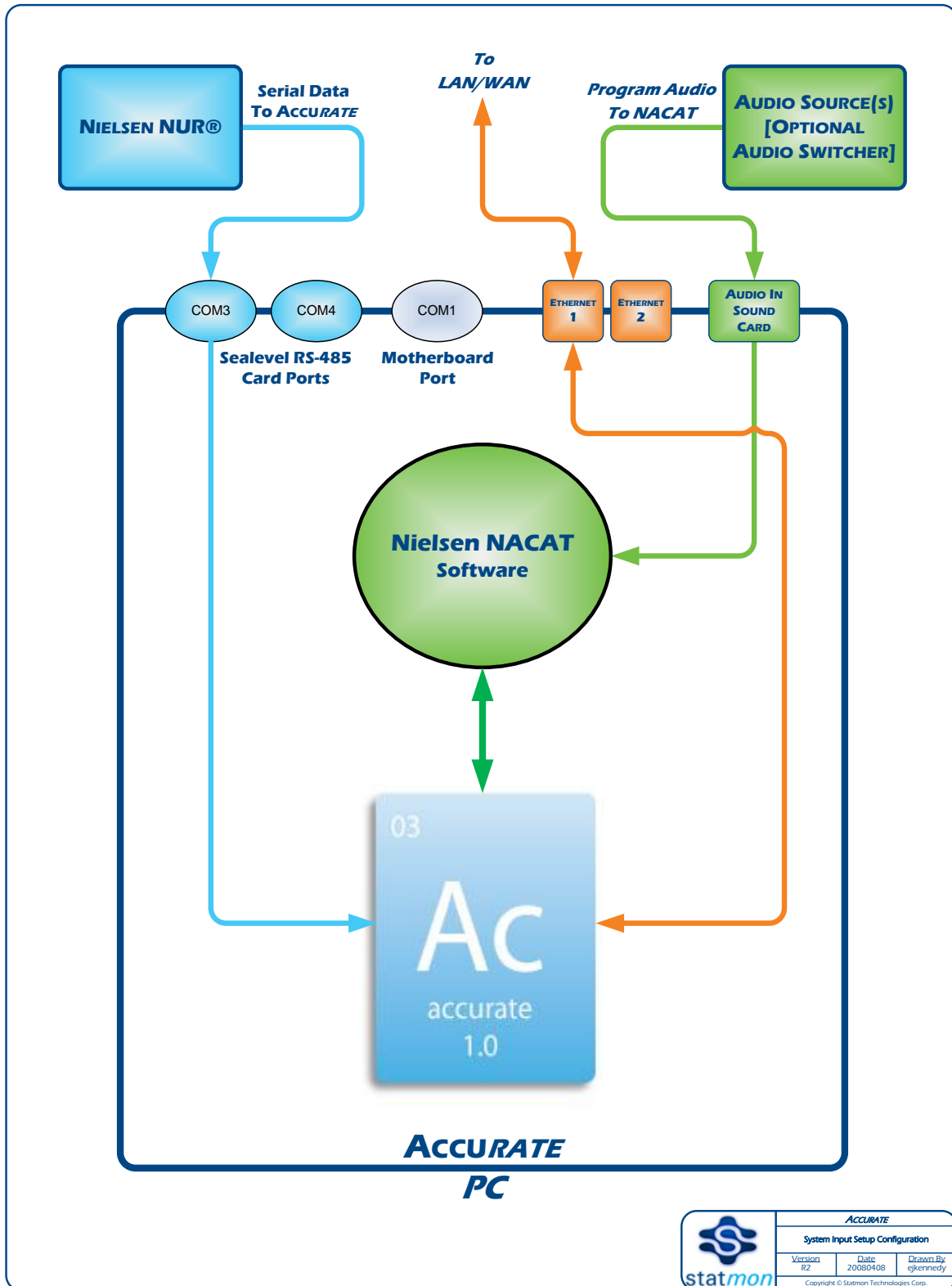


FIGURE 3



NOTE: Accurate does not verify correctness of **Program SID**, but can alarm or notify on its absence from a channel.

Author:
Ed Kennedy
Vice President, Sales Engineering
Statmon Technologies Corp

THIS PAGE INTENTIONALLY LEFT BLANK



stat*mon*