



# Service Update InkCenter

Revised 04/15/2013  
to suggest improvements or ask  
follow up questions

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**Objective:** Provide information on what is new with the Ink Center

## Software Updates

### 3.47: (update in progress)

- Enhancement: Post last 5 max fill pressures on system page for tech log in.
- Enhancement: Post last 5 results of max pressure attempts on page for tech log in.
- Enhancement: Add '!' to HP 60 selection alerting user of adapter change.
- Enhancement: Service tech can view error log also length of time in service for hardware components.
- Enhancement: Display detail error logs on screen.
- Enhancement: 564, 920 standard fill profiles now pull full vacuum (some complaints of drooling addressed)
- Enhancement: HP 940 Black was not dispensing enough ink; fill profile corrected
- Communication: GUI Alert email message function reactivated.

### 3.46: (current)

- Syringe Leak Test no longer hangs the machine - Service related test will not force user to restart ink center any longer
- Added Drain to Epson - Like all other cartridges the drain option will work appropriately
- Fill Progress bar - A progress meter is displayed during the fill process, showing an estimate of the time remaining before a cartridge is finished refilling
- Initialization Checks - The progress of the initialization process is tracked with green and red check marks. Provides feedback to the operator, and finer granularity in error reporting
- The Ink Center now reports its connectivity status to the user
- More accurate reporting of the nests and un-fillable cartridges
- Epson prime bug fixed - After fill, if an adapter is seated before selecting a cartridge, it is primed, not prepped.
- Multiple dispense / single aspirate - Produces faster fills and less wear and tear on the syringe pump
- Nightly Clean Enhancements - will reduce errors during nightly clean out.
- Updates to 88/940 process -If operator closes door during prime they are instructed to open it back up. There is also feedback added to the prime button
- Restart connection button provides feedback to button press

## New Error Code

With the rollout of 3.47 error code V004 has been introduced to give more detail to the V002 error code. Here are the particulars:

- V004: after 5 seconds (start of a fill process), if the separator vacuum is less than 14, a V004 error will be recorded in the logs. The operator will not get a notification.
- V002: at 8 seconds, if the value of the separator is still less than 14, a V002 will show on the screen and a V004 and V002 will be recorded in the logs
- Additionally, at start up if the value of the separator is less than 14, the system will show and record *only* a V002.

	Time	Vacuum	Result
V004	@ 5 seconds	<14 in/Hg	No display; record V004
V002	@ 8 seconds	<14 in/Hg	Display error; record V004 and V002