

Laboratory Information Systems

Using Lab Information Systems for
Competency, Training and Testing

PURPOSE

Define the process to be followed by Pathology Department employees for using Non-Production Software Environments.

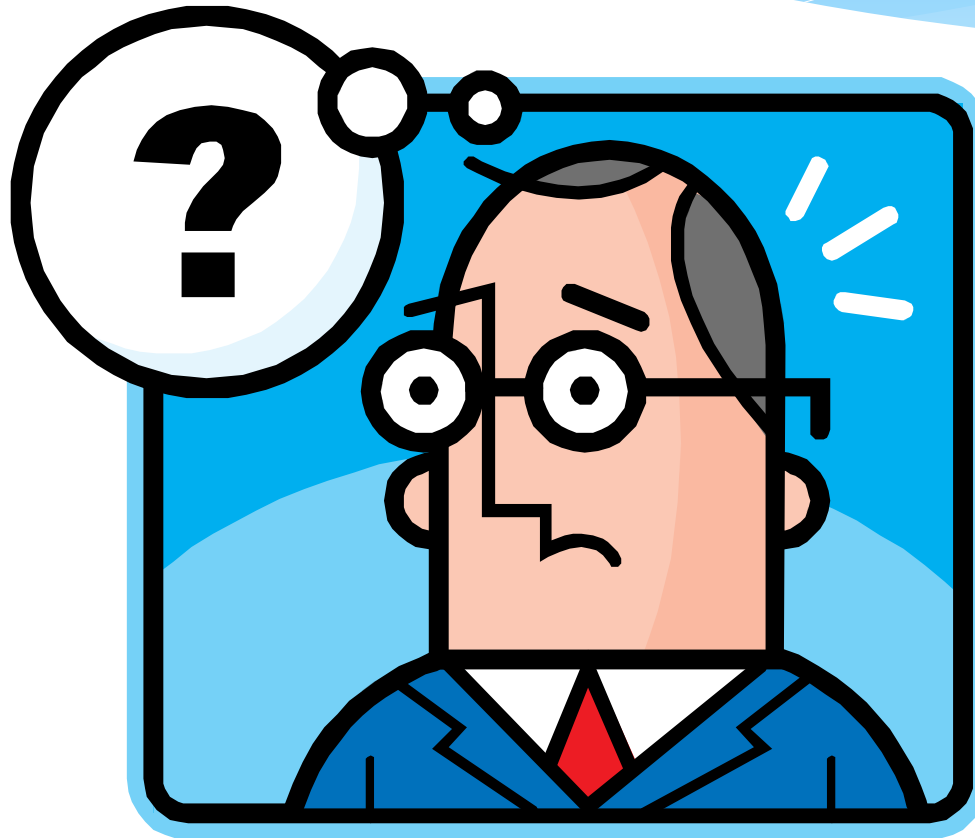
Non-Production Environment is more widely known as known as:

- **“Test” or “Testing” Environment**
- **“Cert” or “Certification” Environment**
- **“Validation” Environment**

Scope

- * Laboratory Information Systems include:
 - * **Cerner Millennium “Milli” PathNet applications**
 - * **Haemonetics SafeTrace Tx, El Dorado Donor and Donor Doc applications**
- * St. Jude has provided Non-Production “TEST” software environments for Cerner “Milli” and Haemonetics. These are commonly referred to as “Cert”, “Test”, “Testing”, “Validation”, “Training”.
- * CAP proficiency testing and QC testing using 9000 client code is excluded from this process. Your current process for those will not change.

What exactly is meant by terms “Production” and “Non-Production” environments



Production Environment = LIVE

- * Production environment is the **LIVE** environment .
- * ***This environment is where you report testing on St. Jude patients everyday.***
- * The live production environment is designated by P134 (P= Production)

The Production environment is accessed by Appbar P134 on your desktop.



Non-Production Environment = TEST

- * Non-production environment is a **simulated copy** of the Production environment and does not transmit or affect the live patient environment.
- * A non-production environment is used for software development, end user testing, training and competency assessment.
- * There are several non-production environments. These are listed as C134 (C=Certification), B134 (B=Build), MOCK2 (M=Mock), T134 (T=Train), Validation, and Train.

There are NO Icons on your desktop to access these environments.

New Process Defined

- * **New process in Lucidoc entitled:
CORE LIS Non-Production Environment for
Competency/Training/Testing**

There is a new process in LucidDoc to define the proper use of **Non-Production** software environments.

What does the new process document say?



In a nutshell - it says

- 1. Do not use test patients in the Production “LIVE” software environment.**
- 2. Only use Non-Production “TEST” software environments for outside of St. Jude patient testing.**
- 3. If job duties require you to perform activities within Milli PathNet or Haemonetics (Blood Bank/Blood Donor Center) that are not related to St. Jude patient testing and reporting, you must use the NON-PRODUCTION “TEST” environment.**
- 4. Reasons: Prevent the risk of compromise to patient safety as well as protect the integrity of patient data.**

Important

Use of Non-Production “TEST” software environment is acceptable only under controlled conditions.

! DO NOT EVER open both Non-Production “TEST” environment and Production “LIVE” environment at the same time or on the same computer.

Access to Non-Production

- * Now it's time to get down to the nitty gritty and give you instructions on how to access the Non-Production environments



Contact LIS for Questions

- * Laboratory Informatics will serve as the primary contact and will coordinate to provide access to the Department of Pathology for Cerner and Haemonetics non-production “test” environments for validation, testing, training, competency, review, and demonstration of laboratory related activities.
- * Contact Laboratory Informatics either by email (LIS@stjude.org) or phone (LIS main extension 3323) for any questions regarding access or this process.

Cerner Non-Production “TEST” Environments

- * **Cerner Non-Production “Test” Environment Access:**
 - * Cerner has four non-production environments. C134 is the most commonly used non-production environment.
 - * C134 (C=Certification)
 - * B134 (B=Build)
 - * MOCK2 (M=Mock)
 - * T134 (T=Train)
 - * **Remember: LIS should always be contacted for any questions regarding access to non-production environments. Contact LIS at extension 3323 or LIS@stjude.org**
 - * **Do NOT contact Milli Helpline for assistance.**

Cerner Non-Production “TEST” Access Security Features

- * Cerner Applications have built in "checks" so that the end users know that they are accessing a non-production environment. These checks are as follows:
 - * Bottom right of application screen will display environment (C134, B134, MOCK2, T134)

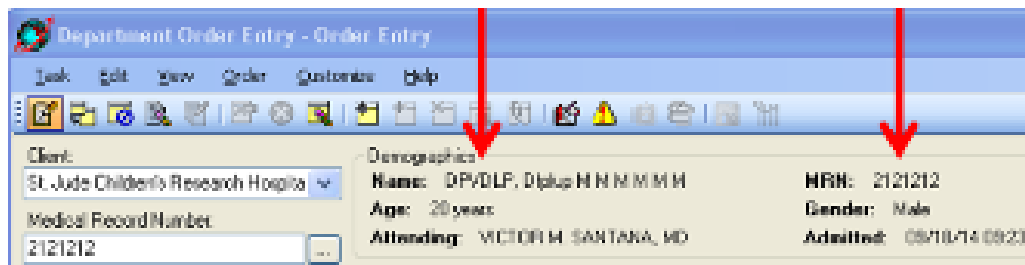


Cerner Non-Production “TEST” Access Security Features (cont.)

- * Hover the mouse pointer on the Appbar icon and the environment will display (C134, B134, MOCK2, T134).



- * Patient names will be scrambled (e.g. LDFMGJBGHDZ, VNAJKLA) or will have "TEST" in name. Patient Medical Record Number (MRN) will have 7 digits.



Cerner Non-Production “TEST” Access Instructions

1. Cerner C134 can be accessed using this URL:
<http://milli/Cert/auth/login.aspx>
2. Log-in using network username and password log-in credentials.



Cerner Non-Production “TEST” Access

3. Select and open "Appbar C134" icon. You may be prompted to enter username and password again.



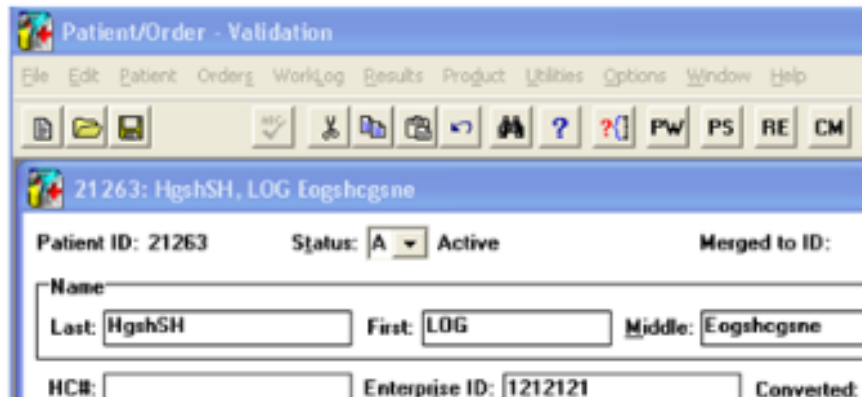
4. Cerner test patients that may be used in non-production environment include:
 - * MRN, 1212121
 - * MRN, 2121212
 - * MRN, 2222222
 - * MRN, 3333333

Haemonetics Non-Production Environments

- * **Haemonetics Non-Production Environment Access:**
 - * Haemonetics has five non-production environments.
 - * Donor Doc Training
 - * Donor Doc Validation
 - * El Dorado Donor Training
 - * El Dorado Donor Validation
 - * SafeTrace Validation
 - * **Remember: LIS should always be contacted for any questions regarding access to non-production environments.**

Haemonetics Non-Production Security Features

- * Haemonetics Applications have built in "checks" so that the end users know that they are accessing a non-production environment.
- * Top banner of SafeTrace Tx screen will display environment (Validation).
- * Test patient names will be scrambled (e.g. LDFMGJBGHDZ, VNAJKLA), will have "TEST" in name or specifically named for the process being used (ex. EPPID).



Patient/Order - Validation

File Edit Patient Order WorkLog Results Product Utilities Options Window Help

HgshSH LOG Eogshcgsne

21263: HgshSH, LOG Eogshcgsne

Patient ID: 21263 Status: A Active Merged to ID:

Name:

Last: HgshSH First: LOG Middle: Eogshcgsne

HCH: Enterprise ID: 1212121 Converted:

Haemonetics Non-Production Access

Haemonetics Non-Production environments can be accessed using this URL:

<http://stjutn-wi-farm/Support/auth/login.aspx>

1. Log-in using Network credentials.

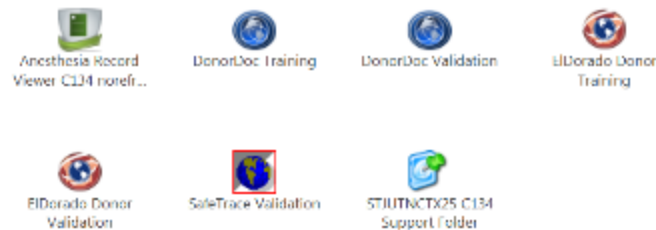


Haemonetics Non-Production Access

2. Select and open "C134 Support Folder".



3. Select non-production Haemonetics application. You will be prompted to enter username and password.



Questions???? Contact LIS



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- * Contact Laboratory Informatics either by email (LIS@stjude.org) or phone (LIS main extension 3323) for any questions regarding access. **Do NOT contact Milli Helpline for assistance.**
- * LIS may need to be contacted for the following:
 1. Reset passwords for both Cerner and Haemonetics non-production environments.
 2. Appropriate non-production environment to use.
 3. Obtain instructions for obtaining access to non-production environment.
 4. Report inability to log-in to the non-production environment.