# Steps To Enable Auto Release

1. **Set Auto Release Results System Wide parameter to enabled.**

The Auto Release Results System Wide [LA7UI AUTO RELEASE MASTER] parameter is a system wide switch that can quickly enable/disable the auto release process. When this parameter is set to Disabled, it will disable the auto release process on this system, and will override the settings in the Auto Instrument file. When enabled, this will enable the auto release process for instruments that are marked for auto release (via the Auto Release field… see step #2 below).

Select Lab Universal Interface Menu Option: **UIS** Lab Universal Interface Setup

Select one of the following:

1 LA7 MESSAGE PARAMETER (#62.48)

2 AUTO INSTRUMENT (#62.4)

3 Auto Release System Parameter

4 Configuration Report (132 COL)

5 Holders of Lab keys

6 Ordering Provider Contact Parameter

7 Convert LAB UI 1.6 to Enhanced Acknowledgement Mode

Select which file to setup: 3 Auto Release System Parameter

Auto Release Results System Wide may be set for the following:

1 System SYS [xxxxxxxxxxxxxxx]

10 Package PKG [LAB MESSAGING]

Enter selection: 1 System xxxx.xxxx.xxx.xx.xxx

Setting Auto Release Results System Wide for System: xxxx.xxxx.xxx.xx.xxx

AUTO RELEASE RESULTS SYSTEM WIDE: YES (ENABLED)// ??

This parameter is used to determine whether lab results are sent to the

auto release process.

AUTO RELEASE RESULTS SYSTEM WIDE: YES (ENABLED)// ?

Do you want to Auto Release Results System Wide?.

Select one of the following:

0 NO (DISABLED)

1 YES (ENABLED)

AUTO RELEASE RESULTS SYSTEM WIDE: YES (ENABLED)//

1. **Enable the instrument(s) for Auto Release.**

The Auto Release field (#99) in the Auto Instrument file (#62.4) enables auto release on an instrument basis. It allows for different levels of granularity.

* + **Data Type**: Set of Codes
    - 0: NO
    - 1: YES
    - 2: AUTO VERIFY ONLY
    - 3: USER RELEASE ONLY
  + **Description**: If results received via this auto instrument entry can be associated with an external auto or user verification system then enable this field.

This field will be checked in conjunction with the auto release master switch parameter LA7UI AUTO RELEASE MASTER and the specific HL7 message containing the results to determine if the lab results should be processed by the Laboratory Auto Release process.

It can be configured at several levels of granularity.

* + - 0 - no auto release for this auto instrument
    - 1 - yes instrument is enabled for auto and user verification
    - 2 - yes however only process results that have been auto verified
    - 3 - yes however only process results that have been user verified, no auto verification.

Select Lab Universal Interface Menu Option: **UIS** Lab Universal Interface Setup

Select one of the following:

1 LA7 MESSAGE PARAMETER (#62.48)

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Select which file to setup: 2 AUTO INSTRUMENT (#62.4)

Select AUTO INSTRUMENT NAME: ASTRA

NAME: ASTRA//

LOAD/WORK LIST: AUTO RELEASE//

ENTRY for LAGEN ROUTINE: Accession cross-reference

//

CROSS LINKED BY: IDE//

MESSAGE CONFIGURATION: LA7UI1//

METHOD: ASTRA1234//

DEFAULT ACCESSION AREA: CHEMISTRY//

OVERLAY DATA: YES//

STORE REMARKS:

VENDOR CARD ADDRESS:

SEND TRAY/CUP LOCATION:

AUTO DOWNLOAD: YES//

AUTO RELEASE: YES// ??

If results received via this auto instrument entry can be associated with

an external auto or user verification system then enable this field.

This field will be checked in conjunction with the auto release master

switch parameter LA7UI AUTO RELEASE MASTER and the specific HL7 message

containing the results to determine if the lab results should be processed

by the Laboratory Auto Release process.

It can be configured at several levels of granularity.

0 - no auto release for this auto instrument

1 - yes instrument is enabled for auto and user verification

2 - yes however only process results that have been auto verified

3 - yes however only process results that have been user verified,

no auto verification.

Choose from:

0 NO

1 YES

2 AUTO VERIFY ONLY

3 USER RELEASE ONLY

AUTO RELEASE: YES// ^

Setting fields for auto download FILE BUILD ENTRY (#93) to: EN

FILE BUILD ROUTINE (#94) to: LA7UID ...Done

1. **Create Load/List profile for Auto Release**
   1. The Default Reference Laboratory (#2.3) should be set to the Institution that should be used as the performing and releasing lab for results released via the auto release process.
   2. The Auto Release field (#2.4) in the Load/Work List file (#68.2) is used to mark a profile as being used by the auto release process. There should only be one profile flagged per load list.

**Data Type**: Set of Codes

* + 1. 0: NO
    2. 1: YES

**Description**: If an auto release process to accept and file laboratory results from an external system using auto verification and/or human verification is being used then this field indicates to the auto release process which profile on this load list to use to process the lab results.   
There should only be one profile flagged per load list.

Select Supervisor menu Option: Edit the default parameters Load/Work list.

Select LOAD/WORK LIST NAME: AUTO RELEASE

LOAD TRANSFORM: UNIVERSAL//

TYPE: POINT OF CARE//

CUPS PER TRAY: 0//

FULL TRAY'S ONLY: NO//

EXPAND PANELS ON PRINT: YES//

INITIAL SETUP:

VERIFY BY: ACCESSION//

SUPPRESS SEQUENCE #: NO//

INCLUDE UNCOLLECTED ACCESSIONS: NO//

SHORT TEST LIST: NO//

WKLD METHOD: AUTO//

Select PROFILE: AUTO RELEASE//

ACCESSION AREA: CHEMISTRY//

UID VERIFICATION: ANY ACCESSION AREA//

STORE DUPLICATE COMMENTS: YES//

DEFAULT REFERENCE LABORATORY: VISN 2//

AUTO RELEASE: YES// ??

If an auto release process to accept and file laboratory results from an

external system using auto verification and/or human verification is

being used then this field indicates to the auto release process which

profile on this load list to use to process the lab results.

There should only be one profile flagged per load list.

Choose from:

0 NO

1 YES

AUTO RELEASE: YES//

Select PROFILE:

Select LOAD/WORK LIST NAME:

1. **Run Configuration Report to check the Auto Release configuration and to assist in configuring the middleware.**

Select Lab Universal Interface Menu Option: Lab Universal Interface Setup

Select one of the following:

1 LA7 MESSAGE PARAMETER (#62.48)

2 AUTO INSTRUMENT (#62.4)

3 Auto Release System Parameter

4 Configuration Report (132 COL)

5 Holders of Lab keys

6 Ordering Provider Contact Parameter

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Select which file to setup: 4 Configuration Report (132 COL)

Select AUTO INSTRUMENT NAME: ASTRA

DEVICE: HOME// 0;132;9999

1. **To assist in adding lab users to the middleware system, the following option can be used to print out a list of users that hold a certain lab key.**

Select Lab Universal Interface Menu Option: Lab Universal Interface Setup

Select one of the following:

1 LA7 MESSAGE PARAMETER (#62.48)

2 AUTO INSTRUMENT (#62.4)

3 Auto Release System Parameter

4 Configuration Report (132 COL)

5 Holders of Lab keys

6 Ordering Provider Contact Parameter

7 Convert LAB UI 1.6 to Enhanced Acknowledgement Mode

Select which file to setup: 5 Holders of Lab keys

Select LAB SECURITY KEY NAME: LRVERIFY

Select Another LAB SECURITY KEY NAME:

All USERS? Yes// YES

DEVICE:

1. **When VistA Lab sends a Lab HL7 Order message to the middleware, it will send the ordering provider’s contact info in the HL7 message. To override the default settings, and customize at a system or user level which contact info is sent, the following option can be used.**

Select Lab Universal Interface Menu Option: Lab Universal Interface Setup

Select one of the following:

1 LA7 MESSAGE PARAMETER (#62.48)

2 AUTO INSTRUMENT (#62.4)

3 Auto Release System Parameter

4 Configuration Report (132 COL)

5 Holders of Lab keys

6 Ordering Provider Contact Parameter

7 Convert LAB UI 1.6 to Enhanced Acknowledgement Mode

Select which file to setup: 6 Ordering Provider Contact Paramete

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Lab Ordering Provider Contact Info may be set for the following:

1 User USR [choose from NEW PERSON]

2 System SYS [xxx.xxx.xxx.xx.xxx]

3 Package PKG [AUTOMATED LAB INSTRUMENTS]

Enter selection: 2 System xxx.xxx.xxx.xx.xxx

Setting Lab Ordering Provider Contact Info for System: xxx.xxx.xxx.xx.xxx

Select Sequence: ??

Contains the list of which contact info for the ordering provider to send

in a Lab HL7 Order message from the user's corresponding entry in NEW

PERSON file (#200).

It can be specified at the system or the individual user level. If

specified at the user level it takes precedence and overrides the setting

at the system level allowing specific users to have their own specific set

of contacts to send.

The sequence specifies the order and info to check, maximum of 6 allowed.

Only the first 2 with a value will be placed in the message as the HL7

standard constrains the number of repetitions for this information at 2.

The value specifies which field from the person's entry in NEW PERSON

file (#200) to send in the message.

These are the fields currently available.

Field # Field Name Description

.131 PHONE (HOME) This is the telephone number for the new

person.

.132 OFFICE PHONE This is the business/office telephone for the

new person.

.133 PHONE #3 This is an alternate telephone number where the

new person might also be reached.

.134 PHONE #4 This is another alternate telephone number

where the new person might also be reached.

.135 COMMERCIAL PHONE This is a commercial phone number.

.136 FAX NUMBER This field holds a phone number for a FAX

machine for this user. It needs to be a format

that can be understood by a sending MODEM.

.137 VOICE PAGER This field holds a phone number for an ANALOG

PAGER that this person carries with them.

.138 DIGITAL PAGER This field holds a phone number for a DIGITAL

PAGER that this person carries with them.

The parameter is distributed pre-configured at the package level as

follows:

Sequence Value

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1 OFFICE PHONE

2 DIGITAL PAGER

3 VOICE PAGER

4 PHONE #3

5 PHONE #4

6 PHONE (HOME)

7 COMMERICAL PHONE

8 FAX NUMBER

Select Sequence:

1. **Once the Lab UI COTS system has been updated to implement enhanced acknowledgement mode, the following option is used to enable enhanced acknowledgement mode for LAB UI 1.6.**

Select Lab Universal Interface Menu <TEST ACCOUNT> Option: Lab Universal Interface Setup

Select one of the following:

1 LA7 MESSAGE PARAMETER (#62.48)

2 AUTO INSTRUMENT (#62.4)

3 Auto Release System Parameter

4 Configuration Report (132 COL)

5 Holders of Lab keys

6 Ordering Provider Contact Parameter

7 Convert LAB UI 1.6 to Enhanced Acknowledgement Mode

Select which function to configure/report: 7 Convert LAB UI 1.6 to Enhanced Acknowledgement Mode

Has the Lab UI COTS driver been upgraded to send HL7 v2.5.1 messages? No// ?

Enter either 'Y' or 'N'.

This normally involves a driver update on the COTS system

to allow the COTS system to send HL7 messages indicating

either HL7 v2.2 or v2.5.1. Contact your Laboratory Information

Manager to confirm the status of the driver update.

Has the Lab UI COTS driver been upgraded to send HL7 v2.5.1 messages? No// YES

Implement enhanced acknowledgement mode transmission? No// ?

Enter either 'Y' or 'N'.

Implement enhanced acknowledgement mode transmission? No// YES

Starting checking and updating related Lab UI protocols in file #101

Protocol LA7UI ORM-O01 EVENT already updated to HL7 version 2.5.1

Protocol LA7UI ORM-O01 EVENT updated to HL7 Enhanced Mode Acknowledgments.

Protocol LA7UI ORM-O01 SUBS already updated to HL7 version 2.5.1

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Protocol LA7UI9 ORU-R01 EVENT already updated to HL7 version 2.5.1

Protocol LA7UI9 ORU-R01 EVENT updated to HL7 Enhanced Mode Acknowledgments.

Finished checking and updating related Lab UI protocols in file #101

1. **Local site personnel should assign DIVISIONS to the new proxy users, LRLAB,AUTO RELEASE and LRLAB,AUTO VERIFY, that corresponds to the performing laboratories that will utilize the auto release process.**

* New option was added to the Supervisor reports [LRSUPER REPORTS] menu.

**Summary List (Patient) [LRLISTPS]  
Description:** All results for a given patient for a given area for a given date. This report can serve as an 'audit trail' for a patient. Includes information on person placing order, person performing test, verifying person, and dates and times of specimen collection and test completion. The report can be printed in an "extended" form, which includes the above mentioned information plus the test results and associated units/normals/LOINC coding and performing lab.