Release Notes LogicNets AUC Solution Version March 2023

Contents

1.0 Overview

LogicNets has released a new version of the LogicNets AUC Solution.
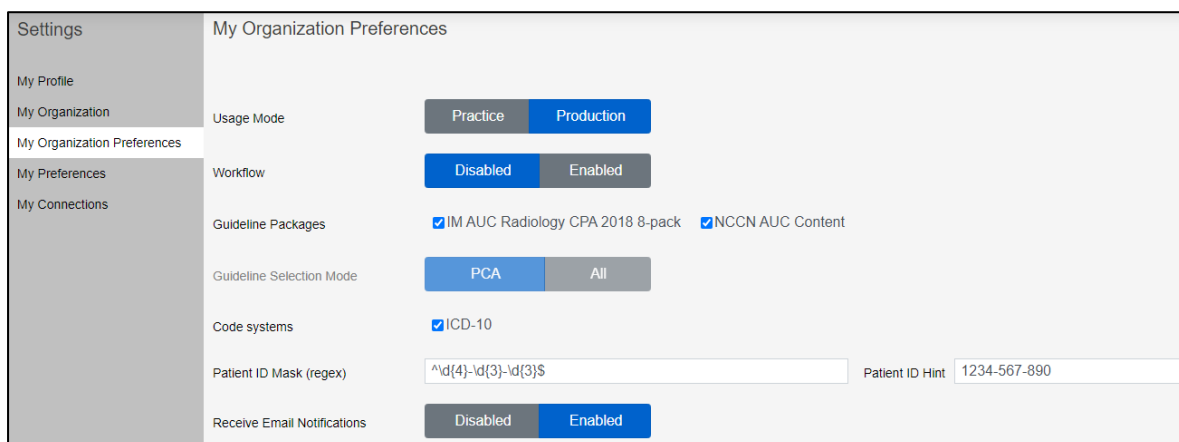
2.0 LogicNets AUC Version Number

The new release is version number 7.4.6.34817.

3.0 New Functional Enhancements

As well as general performance updates and tweaks, LogicNets made some functional enhancements that are described in more detail in the following subsections. For a list of the current protocols and versions available, see the latest Protocol Update Notes.

3.1 Patient ID Mask

With this release it is now possible to define a user-input mask, which is used to validate a patient ID. This can assist in preventing AUC Portal users from entering personally identifying information. The 'Patient ID Mask (regex)' defines the actual mask with basic Regular Expressions (Regex) syntax, and the mask is applied to the two input areas in which users are otherwise prompted to provide "patient name/ID" input. The first of these areas is in the *Patient Details* panel on the left-hand side of the screen as the user selects a radiology service or clinical areas. The second area is the *Patient Details* section in the *AUC Results* summary pop-up display.

You configure the user-input mask in the the *My Organization Preferences* tab, and the format for constructing a mask is based on Regex (you can click here to see a Regex syntax cheat sheet). Regex allows an admin to indicate the rules for allowable input values, such as numeric input only. To

help the end user to correctly fill in the ID, the system displays a customizable hint as a placeholder in the input box; see the example below.
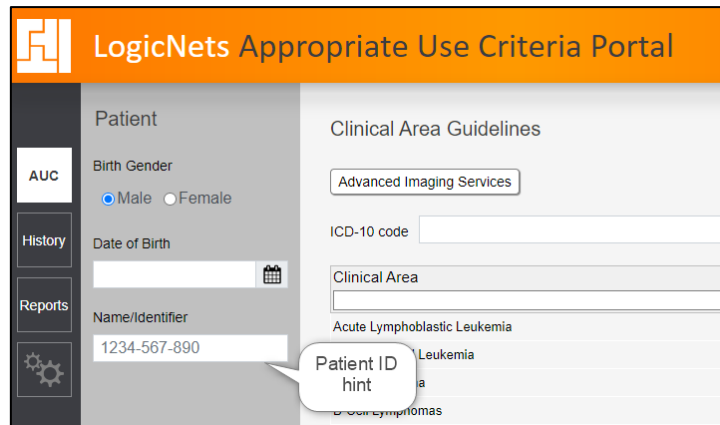
The following table shows example Regex masks.

Mask Example	Mask Description
^\d{6}$	This specifies a mask of exactly six digits. *Matches*: 123456 000123 *Non-matches*: 12345 AA123456
^Prefix-\d{3,5}$	This specifies a mask of three to five digits with unlimited characters as a prefix. *Matches*: ABC1234 abcd12345 Abcde123 *Non-matches*: AB123 12345 ABC ABC12
^[A-Z]{2}-\d{4}$	This specifies a mask of uppercase characters, followed by a dash and then 4 digits. *Matches*: AB-1234 XY-9999 *Non-matches*: Ab-1234 AB1234 AB-12345
More complex examples:	
^[a-zA-Z]{6}-\d{4}-[a-z]{4,8}$	This mask specifies 6 characters, a dash, 4 digits, a dash, and 4-8 lowercase characters. *Matches*: abcDEF-1234-aabbcc
^Prefix-\d{5,10}-Postfix$	This mask is an enforced prefix and postfix around 5-10 digits. *Matches*: Prefix-1234567-Postfix
^[{]?[0-9a-fA-F]{8}-([0-9a-fA-F]{4}-){3}[0-9a-fA-F]{12}[}]?$	This mask specifies a globally unique identifier. *Matches*: {6DC94B3E-1026-4A2F-9710-F394D7DB6AB9}

3.2 PLE Clinical Area Guideline Version

The system displays the version of the guideline for reference in the following views:

- Clinical Area Guidelines initial view
- Select PCA Guideline popup
- Summary view, below the decision log

3.3 Organization Filtering

In the *Reports > Consultations History* tab, Integrators and Imaging Centers can now filter the report either on all organizations or on a customized selection of organizations.

3.4 For Business Partners Only - Referrers

Business partners integrating their software to the AUC Solution (EHR and RIS vendors) can recommend that their customers acquire LogicNets AUC consultation capacity directly from LogicNets, either for access to the business partner's integration or to the LogicNets standalone portal. By setting themselves up as "Referrers" and using the new *My Customers* module that is now available to referrers, they facilitate their customers' access to the AUC Solution and they can track and report on all of their customers' activities to have visibility and to get credit for the customers they bring to the LogicNets AUC service.

3.5 External ID Read-Only

The External ID, which is used to relate a Provider to an Integrator, is now read-only once it has been entered. This prevents integration issues and reporting inconsistencies.

3.6 For Integrators Only - Launch URL Expiry, Refresh Recommended

As an additional security improvement, LogicNets reduced to 48 hours the time by which a launch URL can be used. If users attempt to launch the URL after 48 hours, the system will display the following message on the screen: '**Error starting session: Launch url has expired. Use refresh url to activate again.**'

An additional link (type = 'refresh') is now available in the CDS Hook Card. Calling this URL requires the same credentials as the initial auc-hook call, and it will 'refresh' the expiry window to ensure that the smart or absolute links can be called.

NOTE: LogicNets recommends that you always call the refresh link before calling the smart/absolute link. This will prevent you from running into a timeout.

3.7 For Integrators Only - Strict OrganizationId / External ID coupling

With this update, the organizationId parameter is stricter, in the sense that it must be either empty—this is the most common case, where the organization's consultation capacity is paid for by the same user organization—or it must take on the same value of the ExternalID of whichever separate organization is expected to pay for the transaction. If you currently leave this parameter blank and the ExternalID corresponds to the intended funder of the consultation, there will be no issue. However, if you DO use the field, you need to be aware of the new functionality that could be impacted. In the screen capture below, we show examples of where these fields typically appear, both in the AUC admin module and in the JSON of your API request packages.
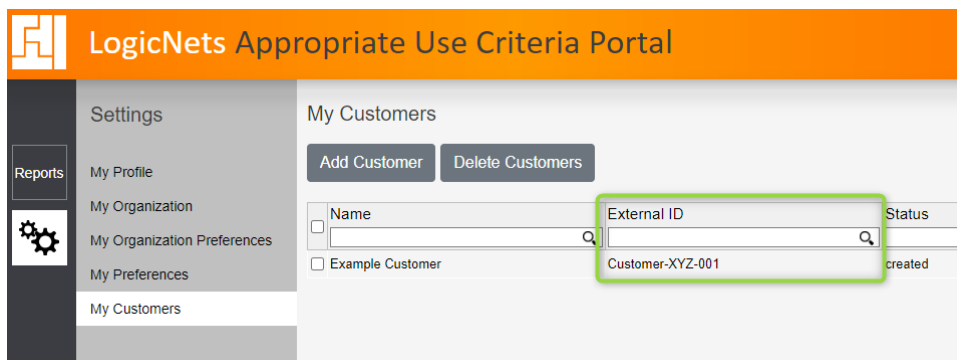
In this example: Customer-XYZ-001, in the request:

```
{
    "context": {
        "userId": "Example UserID",
        "organizationId": "Customer-XYZ-001",
        "patientId": "12345-ABC",
        "draftOrders": {
            "resourceType": "Bundle",
            "entry": [
                {
                    "resource": {
                        "resourceType": "ServiceRequest",
                        "id": "1234",
                        "status": "draft",
                        "intent": "plan",
                        "code": {
                            "coding": [
                                {
                                    "display": "CT hip w/ contrast (MARS)",
                                    "code": "CT hip w/ contrast (MARS)",
                                    "system": "http://logicnets.info/fhir/va
```

As you can read about in our documentation here, organizationId is now used by the system when the requesting user has their AUC consultation funded by a separate "referring" organization, which is set up to distribute centrally acquired consultation capacity on behalf of affiliated organizations submitting consultation requests. As an example, a provider's headquarters organization can allocate capacity to its affiliated hospital locations or clinics; or an EHR vendor could allocate capacity to its separate customers.

When the organizationId / ExternalID field is used, it now signifies that the consultation submitted by the organization with the ExternalID value is being sponsored by a separate organization known to LogicNets through its organizationId. If the organizationId value cannot be found for a valid referring organization, then the system returns an HTTP Status 403, and the AUC consultation request will not be processed.

Please be certain to check your approach with this field and verify that either the correct IDs are used or that the organizationId field is left empty. You may also want to review the latest documentation on the *My Customers* module of the AUC Portal, where admins can provision sponsored capacity as a Referring Organization to the sponsored provider and imaging center organizations on whose behalf AUC consultation capacity can be centrally acquired.