

Release Notes: LogicNets Release 7.3

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1.0 Overview

LogicNets has released its most recent version of the LogicNets software: Release 7.3. This release includes new features as well as bug fixes, both of which are described below. Many of these updates also include additional information, which is available at support.logicnets.com. Links to articles are included where applicable.

2.0 New Features

Release 7.3 includes the new features/functionality described below.

2.1 Multi-language Support

Component	Designer
License	LN-D, LN-MLS
Support Center Article	https://support.logicnets.com/kc/logicnets.lns?_KC&topic_id=274

The multi-language support feature allows you to provide language translations of the text in your modeled applications. You can create these translations in the Designer, or you can create them in Excel and import them into the Designer.

This functionality includes default language configurations in the LogicNets *Access Management* module, where you can manage the default language settings for users and user groups.

For those applications already using the Knowledge Center, you will have to run the 'Validate' function to upgrade the Knowledge Center database to the latest data structure. This can be done safely and without a loss of data. Any translations that were added in previous versions of the Knowledge center will need to be re-added.

2.2 Cron Job Scheduler and Monitor

Component	Base
License	LN-B
Support Center Article	https://support.logicnets.com/kc/logicnets.lns?_KC&topic_id=428

This release introduces new Cron Job Scheduler and Monitor functionality that allows you to create cron jobs in logicnets and configure them using the Scheduler Monitor. Additionally, the Scheduler Monitor includes a monitoring function that displays the status of active cron jobs, allows you to actively disable or run them out of sequence, and also allows you to review details about previous runs.

2.3 Logicnets as Functions

Component	Designer
License	LN-D
Support Center Article	https://support.logicnets.com/kc/logicnets.Ins?_KC&topic_id=409

It is now possible to model your logicnets as functions. A function is callable logicnet with a defined interface for inputs and outputs. The function logicnet can be called multiple times within an application, each time using different values for the required input and output parameters. Functions support the sharing and repeating of common logic, which makes the design task quicker and more efficient. You can use functions in conjunction with the library concept to offer reusable library modules to share between multiple projects.

2.4 External Search

Component	Base
License	LN-B
Support Center Article	https://support.logicnets.com/kc/logicnets.Ins?_KC&topic_id=416

The External Search feature allows you to include in your modeled applications the ability to search for documentation outside of LogicNets; for example, in the application's Knowledge Center or on an external website. The system returns search results as a hyperlink and includes a snippet of the matching documentation, which can be presented in the application.

The external search is implemented with standard plugins enabled for searching the LogicNets Knowledge Center, Wikipedia, and WordPress. Additionally, you can create custom plug-ins to search additional sites and content.

2.5 Web Services Framework

Component	Web Services Framework
License	LN-WSF
Support Center Article	https://support.logicnets.com/kc/logicnets.Ins?_KC&topic_id=410

This release includes a new Web Services Framework that allows you to easily build your application as a web service API to connect your application to others outside of LogicNets. The API can range from simple API to a complete RESTful API.

2.6 Server Maintenance Page

Component	Base
License	LN-B
Support Center Article	https://support.logicnets.com/kc/logicnets.Ins?_KC&topic_id=419

With v7.3 you can now configure the system to display a maintenance page during the installation or upgrade of your server. This is the page your users will see while you perform maintenance on your application or if your application is not working.

2.7 Epoch Time Parts

Component	Base
License	LN-B, LN-D
Support Center Article	https://support.logicnets.com/kc/logicnets.Ins?_KC&topic_id=393

New parts have been added to the LogicNets platform that allows you to retrieve and process date-time in epoch time format.

2.8 Knowledge Center Roles and Authorizations

Component	Knowledge center
License	LN-KC
Support Center Article	https://support.logicnets.com/kc/logicnets.Ins?_KC&topic_id=427

The LogicNets Knowledge Center supports the use of roles and permissions to specify allowable actions, the content that users can see, and to assign users who can manage the content.

2.9 HTTPS Required

Component	Base
License	LN-B
Support Center Article	https://support.logicnets.com/kc/logicnets.lns?_=KC&topic_id=457

As a security enhancement, LogicNets will now enforce HTTPS as the connection type. Users who have not enabled HTTPS must update their applications, including ensuring that certificates are installed on the webserver to support connections through HTTPS.

3.0 Enhancements

In addition to the new features described above, this release also includes the enhancements detailed in the following table.

Ticket	Item	Details	Category
LN-4503 LN-1607	Layering Custom .css and .js	<p>With this release it is possible to use multiple .css and .js in your framework-based projects. This allows more modular setup of your .css and .js files.</p> <p>Note: With this settings, the custom .css and .js setting in the framework tabs will be deprecated over time. In the Help center you can find instructions on how you can migrate your settings to take the advantage of the new approach.</p> <p>https://support.logicnets.com/kc/logicnets.lns?_=KC&topic_id=392</p>	Designer
LN-3452	PDF-Styling Test Tools	<p>Tools have been added to allow the download of the report HTML, which allow you to style your report HTML and upload again to preview how the generated reports look with the updated styling.</p> <p>https://support.logicnets.com/kc/logicnets.lns?_=KC&topic_id=390</p>	Designer
LN-5702, LN-5010	Text Input	<p>The Text Input part has been enhanced with the following features:</p> <ul style="list-style-type: none"> - Trim spaces: This is an option that allows you to trim spaces at the beginning and end of the input value. - Prefill values: This option allows you to specify a prefill value in case the data object is empty. <ul style="list-style-type: none"> o Note: The system allows for a prefill and default value. With a default value the data object is set to that value by default. With a prefill value the system prefills the input field with the value but the user must submit it before the system sets the data object with that value. <p>https://support.logicnets.com/kc/logicnets.lns?_=KC&topic_id=56</p>	Parts

Ticket	Item	Details	Category
LN-4826	Display Chart	<p>The Display Chart part has been enhanced with the following features:</p> <ul style="list-style-type: none"> - Multiple series - Stacked charts - External configuration through JSON or data objects <p>https://support.logicnets.com/kc/logicnets.Ins?_KC&topic_id=90</p>	Parts
LN-4356	Loop Node	<p>The Loop node function has been extended to support named collections.</p> <p>https://support.logicnets.com/kc/logicnets.Ins?_KC&topic_id=387</p>	Nodes
LN-155	Answer Option Conditions	<p>The conditions for available for answer options for radio-lists and checklists now also support collections and xpath queries.</p> <p>https://support.logicnets.com/kc/logicnets.Ins?_KC&topic_id=351</p>	Parts
LN-2500	Empty .css or .js Files	<p>The system now allows you to add an empty .css, .js to your project.</p> <p>https://support.logicnets.com/kc/logicnets.Ins?_KC&topic_id=185</p>	Designer
LN-1264	\$()	<p>It is now possible to use \$() to specify the default value within a string interpolation.</p> <p>https://support.logicnets.com/kc/logicnets.Ins?_KC&topic_id=279</p>	Base
LN-5548	Call Web Service	<p>The call-webservice part has been enhanced with the ability to pass an access token stored in the user profile of the logged in user.</p> <p>https://support.logicnets.com/kc/logicnets.Ins?_KC&topic_id=94</p>	Parts
LN-3925	Collapsible Sections in Assessment Framework Projects	<p>It is now possible to use collapsible sections in Assessment Framework-based projects</p> <p>https://support.logicnets.com/kc/logicnets.Ins?_KC&topic_id=458</p>	Assessment Framework
LNSUP-1430	Notes	<p>Notes are now stored with meta-data about the package on which the note was made.</p> <p>If you are already using Notes and your notes are stored to an external database table, the notes database must be updated with additional columns. See https://support.logicnets.com/kc/logicnets.Ins?_KC&topic_id=250 for further details.</p>	Parts
LN-5423	Installation-level Configuration Settings	<p>It is now possible to configure some of the logicnets settings on the installation level.</p> <p>This may be useful if you have an installation with multiple companies and you want to configure the same settings for all of the companies. The file should be called</p>	Configuration

Ticket	Item	Details	Category
		<p><i>settings.cfg</i> and placed in the <i><installation-folder>\dat</i> folder.</p> <p>Note: The <i>settings.cfg</i> file under the <i><installation-folder>\logicnets\system\lib\sys</i> directory will not be used anymore. If you have made customizations to this file these customizations should be moved to the new file under <i><installation-folder>\dat</i>.</p>	
LN-5641	StarterApp Framework	It is now possible to use the tab control and smartgrid from the Starterapp Framework.	StarterApp Framework
LN-4989	Router	<p>The Router node has been enhanced with the following features:</p> <ul style="list-style-type: none"> - Route on the basis of conditions associated with the output - Interpolation of the default value <p>https://support.logicnets.com/kc/logicnets.Ins?_KC&topic_id=407</p>	Nodes
LN-5288	Query Collection	<p>The Query Collection part has been enhanced with <i>support collection</i> comparison functionality. Result counts are also returned now in a data object and a single result.</p> <p>https://support.logicnets.com/kc/logicnets.Ins?_KC&topic_id=59</p>	Parts
LN-4493	JSON Convertor	<p>The JSON convertor part has been extended with the option to format the output in a readable way.</p> <p>https://support.logicnets.com/kc/logicnets.Ins?_KC&topic_id=62</p>	Parts
LN-4671	Server-side Script	<p>The server-side script has been enhanced with the api function <i>logicnets.database.eval</i>, which allows the handling of the query result by a call-back function on a per-record basis.</p> <p>This is an addition to <i>logicnets.database.getrow</i> and <i>logicnets.database.getrows</i> functionality, where the full result set is returned at once. For large results sets it is recommended to use this function to handle the result record-by-record to prevent memory issues.</p> <p>https://support.logicnets.com/kc/logicnets.Ins?_KC&topic_id=246</p>	Parts

4.0 Fixed Issues

In addition to new functionality, this release includes fixes to the following identified issues.

Ticket	Item	Issue Description	Category
LN-4416	Portal	Inactive packages are still accessible on the Start Page of the Portal.	Portal

Ticket	Item	Issue Description	Category
LN-2817	Notes	<p>In the Assessment Framework, Notes appear to be linked to all repeated questions through call nodes.</p> <p>Note: If you are using Notes and your notes are stored to an external database table, the notes database must be updated with additional columns (see https://support.logicnets.com/kc/logicnets.Ins?_KC&topic_id=250 for further details).</p>	Notes
LN-3842	Text Input	Interpolation fails for the prefix of the text input.	Parts
LN-3025	Tab Names	There are empty tab names if the title/short-name of a logicnet is not specified.	Assessment Framework
LN-2157	Guideline Map	<p>The guideline map appears to be empty if no logicnet has been set.</p> <p>The guideline map now is automatically set to the first logicnet in the guideline folder if no guideline has been explicitly set.</p>	VGN
LN-3824	Dbgrid	<p>Dbgrid date filtering on date ranges does not work properly.</p> <p>Dbgrid now supports all date ranges:</p> <p>'>= 2019, <= 2023' to select all stamps that fall into the years 2019/01/01 00:00:00 - 2023/12/31 23:59:59</p> <p>'>01:30, <05:45' to select all stamps that fall in 01:31:00 - 05:44:59</p> <p>'2019/04/05' to select all stamps that fall in 2019/04/05 00:00:00 - 2019/04/05 23:59:59 (depends on the configured date time format to determine order of month and day)</p> <p>'=2020/02' to select all stamps that fall in 2020/02/01 00:00:00 - 2020/02/29 23:59:59</p>	Parts
LN-2091	Copy Collection	The Copy Collection part, which was previously under the 'Misc.' menu, has been moved to the 'Collections' menu.	Parts
LN-5322	File Upload and Download Parts Security	<p>File upload needs more security.</p> <p>The security around file upload and download parts has been upgraded so referenced upload/download directories must be whitelisted before being accessed. By default, access is allowed only to the <i>lappdata</i> folder under the <i>company-dat</i> directory of your LogicNets installation. If directory external to this directory needs to be accessed, that directory must be whitelisted by adding it to your company settings file.</p> <p>The directory must be added to the section <i>_session.file_access.whitelisted</i>.</p> <p>The option to upload documents to the <i>htdocs</i> directory has been removed and files that were previously uploaded to the <i>dat/temp</i> folder of the installation must be moved to the new <i>lappdata</i> location in the <i>company-dat</i> folder.</p>	Parts

Ticket	Item	Issue Description	Category
		https://support.logicnets.com/kc/logicnets.Ins?_KC&topic_id=161	
LN-5671	Checkbox	<p>Disabled checkbox loses value. If a disabled checkbox is shown on a form, submitting the form causes the checkbox to be unchecked.</p> <p>This issue has now been resolved and the checked value remains.</p>	Parts
LN-5557	Assessment Framework	Form, report, and onstart logicnets built based on the assessment framework are not called.	Assessment Framework
LN-4988	Router	Changes are not saved when editing the outputs of the router after it has been created.	Nodes
LN-4366	ApplicationRunner Webservice	The webservice does not return validation errors when invalid xml was been provided	Application Runner Webservice
LN-4197	User Account Link	The user account link on the top bar of the Designer is not working.	Designer
LN-5709	Download	There is a missing icon for the 'delete' button in the file list.	Parts
LN-5812	Assessment Framework	The title of form logicnets are not being interpolated.	Assessment Framework
LN-6105	Access Management System Configuration	<p>Roles missing from packages.</p> <p>For security reasons, roles have been added to the following packages:</p> <ul style="list-style-type: none"> - Access Management - System Configuration <p>This means that you will only have access to these packages when your user account or group account has been assigned the appropriate roles.</p> <p>If you cannot access one of these packages, you may need the correct roles assigned to your user profile. Please contact your system administrator to update your user profile.</p>	Configuration
LN-6117	Logicnets	Description of logicnets are not copied.	Logicnets