HCLSoftware

Unica Deliver V12.1.6 Release Notes



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Chapter 1. Release Notes

Contains information about new features, defect fixes, and known issues that HCL releases as part of a scheduled software release.

Overview

Unica Deliver includes the following features.

- Digital Channel Coverage: Seamlessly integrate with an ever-expanding eco system of digital messaging touchpoints, including: email, SMS and more.
- Unified Omni Channel Experience: Leverage the powerful context and continuity offered by the Unica Platform's system of record, ensuring that you reach your customer over the right channel at the right time.
- Flexible Communication Automation: Provides powerful lights-out productivity tools to automate even the most complicated campaigns and the flexibility to build ad hoc campaigns quickly and efficiently.
- Powerful Email & Landing Page Analysis: Analyze with a quick and easy preview of data-driven variants and click through to your landing pages to ensure that your personalization rules are applied perfectly.
- Intuitive A/B Testing: Quickly configure and conduct A/B testing to determine the most effective email design and message content for your audience.
- Insightful Reports and Analytics: Provides accurate out-of-the-box analytics and engagement insights designed to demonstrate communication success and marketing results.

System requirements and compatibility

For detailed system requirements, see the *Recommended Software Environments and Minimum System Requirements* guide. This document also describes reporting requirements, added support for third-party software, and third-party software for which support is no longer available.

Unica Deliver operates with Unica Campaign. When you install Campaign, several Deliver components and tables are automatically installed as part of the Campaign installation. You cannot install Deliver software, system tables, or the Deliver report pack separately. Installing these components makes the Campaign installation ready to support hosted email. However, you cannot begin to compose, send, and track email until you subscribe to Deliver.

When you request an Deliver subscription, Unica consults with you to activate your account and establish your reputation as an email marketer with leading ISPs around the world. You can also choose other channels such as SMS, Push or Whatsapp and Unica will work with you to establish your account for respective channel. For more information about enabling and configuring Deliver after you purchase a subscription, see the *Unica Deliver Startup and Administrator's Guide*.

For more information about installing Deliver with Campaign, see the *Unica Campaign Installation Guide* and the *Unica Campaign Release Notes*®.

Unica Deliver also works seamlessly with Unica Journeys and Unica Interact to deliver messages on required channels. You can refer documentation of respective product for more information on how to integrate Unica Deliver.

New features

Email subject line analysis

This feature allows user to analyze the subject lines to give precise scoring and active advice using the most sophisticated Natural Language Processing (NLP) technique. The analysis of email Subject is done across five key dimensions (Clarity, Spelling, Spam, Engagement, Concision) and evaluate characteristics like tone and readability, and provide recommendations for improvement.

HTML editor in Quick builder

HTML editor in Quick builder allows users to edit the HTML contents which were imported as part of zip file. There will be option to edit the HTML in code view as well as in the design view. HTML code view will provide the syntax check functionality.

Improvements in Transactional Messaging service

Transactional Messaging service module is enhanced to handle more transactions at a given time. Backend database for this TMS service is now unified. TMS module now will be deployed in docker container on kubernetes cluster.

SMS consumption via RML API

SMS consumption count mechanism for RML provider is enhanced to get the real counts from RML. SMS License consumption will now be tracked and updated to FNO periodically (24 hours) by getting the actual consumption count including the message part numbers from RML.

Dedicated send mechanism for SMS/WhatsApp/PUSH channel for each customer account

SMS outbound module is enhanced so that all outgoing messages from the customers are now written into a separate dedicated customer-specific KAFKA topics. With this feature, deliver application can manage the outbound message easily across all customer partitions.

Axis 1.3 based SOAP API removal

Axis1.3 based SOAP API which was present in commEditor module had security vulnerabilities. To fix these vulnerabilities, all the SOAP APIs from CommEditor were replaced with their corresponding REST APIs implementation. All the internal communication with the commEditor will now happen over the new REST APIs.

Email Copies

The Email Copies feature retains records of bulk mailers sent by Deliver users. The records are in PDF format and you can only access records that are not older than 30 days. You can make these copies available for an external archiving system.

Fixed defects

This section lists fixed defects in Unica Deliver, version 12.1.6.

Table 1. Fixed Defects in 12.1.6

Issue	Issue ID	Description
When paused, % complete and Messages per Hour were getting overlaped under the progress bar.	HMA-353820	When paused, % complete and Messages per Hour were getting overlaped under the progress bar.
The field Estimated completion time was seen when Mailing was paused.	HMA-353818	The field Estimated completion time was seen even when the mailing was paused. When mailing is paused, the string changes to Estimated time required after resuming mailing.
Estimated completion time was not getting populated when mailing was running.	HMA-353817	Estimated completion time was not getting populated when mailing was running.
RCT and RLU scripts were not working after upgrade to 12.1.5.	HMA-353208	RCT and RLU scripts were not working after upgrade to 12.1.5.
Unknown column 'isStaticLandingPage' in 'field list' error was getting displayed.	HMA-352095	For Email and Landing page, Unknown column 'isStaticLandingPage' in 'field list' error was getting displayed.
In Deliver 12.1.5, error was seen when running the utility switch_config_visibility.	HMA-350868	In Deliver 12.1.5, an error was seen when running the utility switch_config_visibility.
There were problems related to blank landing pages.	HMA-350706	An issue on landing pages was observed. When customers clicked on View as web page link, from their emails, it was landing on a blank page.
Reports parameter were not greyed out for Deliver Reports.	HMA-350646	Reports parameter, for selecting Campaign, were not greyed out for Deliver reports.
Deliver stored procedure SP_Populate_SMS_Responses Was failing in MariaDB with the error Incorrect integer value: 'for column ``.``.`v_resp_last` at row 1.	HMA-350191	Running below Deliver stored procedures SP_Populate_SMS_Responses() was failing with the following error: org.jkiss.dbeaver.model.sql.DBSQ LException: Errore SQL [1406] [22001]: (conn=1538884)

Table 1. Fixed Defects in 12.1.6 (continued)

Issue	Issue ID	Description
		Data too long for column 'v_p_datetime' at row 1 at org.jkiss.dbeaver.model.impl.jd bc.exec.JDBCPreparedStatementImp l.executeStatement(JDBCPreparedS tatementImpl.java:208)
Email Communication was not getting published in Quick Builder if the imported HTML contained a link with personalization field assigned to an image.	HMA-349832	Email comunication was not getting published if the imported HTML had a code similar to the following example:
Background images was not working in the final Email for Imported ZIP.	HMA-349777	If there was a background image configured in the HTML, which was imported in Quick Builder, in the final email the background image was not getting displayed. Refer the following example:
		<pre></pre>
You could not define dynamic rules in email communication if you moved from static landing page to email communication.	HMA-349719	When user directly navigated to Email comunication from static Landing page, user was not able to add dynamic rules.

Table 1. Fixed Defects in 12.1.6 (continued)

Issue	Issue ID	Description
SMSReply: RealTime: Spaces were replaced with + in ucc_smsreplymessage table.	HMA-349694	Spaces in SMS reply was getting replaced with + sign in ucc_smsreplymessage table if realtime replies were configured.
No values in A/B test report.	HMA-349618	No values in A/B test report.
An error was displayed for Mailing page if clicked from the Recent menu.	HMA-344560	An Error was displayed for the Mailing page, if it was clicked from the Recent menu.
Duplicate SMS was getting sent when Deliver was configured with Journey.	HMA-335865	Duplicate SMS was getting sent when Deliver was configured with Journey.

Known limitations

This section lists known limitations in Deliver.

Issue	Issue ID	Description
Deliver is not supported in Google's Incognito mode	HMA-313067	Deliver is not supported in Google's Incognito mode of Chrome browser.
SMS - Single flowchart schedule cannot be used for email and SMS.	HMA-312518	A single campaign flowchart schedule can be used to schedule multiple email mailings but it does not work in same way with SMS. For SMS, single flowchart schedule cannot be used for multiple instances.
Social media icons are not displayed for "view as webpage" functionality.	HMA-310734	Sometimes, hyperlink functionality is disabled. Users can see the link name, but are unable to click it.
Document editor throws locking issue sporadically.	HMA-307315	A locking issue is sporadically observed in the Message editor. Workaround: Copy the content / mailing and continue.
Partition2Admin is unable to add base content.	HMA-311117	The application throws an exception when the user logs in as Partition2Admin and creates mailings.

Issue	Issue ID	Description
		Users must first create folder and then create mailings.
Continuous RCT restart attempts on UNIX™ systems.	HMA-312474	On UNIX™ systems, if the RCT is running as a daemon and you then issue the rct.sh start command, the system continues to attempt to start the RCT. The expected behavior is that rct start should exit when it detects that the RCT is already running. This does not happen on Windows™ systems.
Email addresses cannot exceed 64 characters.	HMA-312476	Deliver will not send email messages that contain a To : address that exceeds 64 characters (excluding the domain name). If a mailing contains email with addresses over 64 characters long, the individual email messages will fail pre-execution validation when you run the mailing. Deliver will mark the failed emails as having invalid email addresses and send the rest of the mailing.
Navigating away from the Document Composer ends the session without saving changes.	HMA-312477	When you are editing an email or landing page document in the Deliver Document Composer, navigating to another page (for example, to view a mailing tab) ends the Document Composer session. The system prompts you to confirm that you want to leave the page, but it does not prompt you to save your changes. You changes are lost if you do not save the page before you navigate away from the Document Composer.

Issue	Issue ID	Description
		To avoid this issue, save your
		changes before you navigate away
		from the Document Composer.

Known issues

This section lists known issues in Unica Deliver, version 12.1.6.

Table 2. Known Issues in 12.1.6

Issue	Issue ID	Description
If you pause a mailing event, PDFs of email copies are not generated.	HMA-358574	If you pause a mailing event, PDFs of email copies are not generated.
Email/Landing Page: Preview appears as blank if you use an image linked with an offer.	HMA-354556	In case of Email or Landing Page, preview appears as blank if you use an image linked with an offer.
Problem with background images.	HMA-354492	Background images does not load in Message editor after some time (24 hours). This results in background images not displaying in the final mailer.
		Workaround : Launch Quick Builder, load the communication, and then go back to Message Editor.
Edit mailing schedule: Error in reading or writing data.	HMA-354087	Edit mailing schedule: Error in reading or writing data.
HTML content gets distorted in the final mailer for the mentioned HTML code on Microsoft Outlook app.	HMA-353956	HTML content gets distorted in the final mailer for the following HTML code on Microsoft Outlook app: <pre> <v:image></v:image>', <v:textbox>,</v:textbox></pre>
		Workaround: If you notice issues in the final mailer, particularly in the Microsoft Outlook app, please remove VML specific tags like: <v:image></v:image> , <v:textbox>, <v:rect>, etc.</v:rect></v:textbox>
Security vulnerability javascript injection in Message Editor.	HMA-353264	Security vulnerability javascript injection in Message Editor.

Table 2. Known Issues in 12.1.6 (continued)

Issue	Issue ID	Description
Icons or emojis do not appear in emails received by users, if emails are created using imported templates.	HMA-350468	When using Quick Builder, if you import HTML files containing emojis and icons (if emojis or icons are entered in hexadecimal format), the final email will not display them.
RLU: Failed to load class org.slf4j.impl.StaticLoggerBinder while running RLU.	HMA-349665	When running RLU utility, the following messages may be displayed: SLF4J: Failed to load class ""org.slf4j.impl.StaticLoggerBi nder"". SLF4J: Defaulting to no-operation (NOP) logger implementation. SLF4J: See http://www.slf4j.org/codes.html #StaticLoggerBinder for further details. MLog initialization issue: slf4j found no binding or threatened to use its (dangerously silent) NOPLogger. We consider the slf4j library not found. Workaround: You can ignore it as this
URL does not gets converted to a short link if Personalization Fields	HMA-347128	If you use Message Editor to
exist in the URL		create an SMS with URLs having Personalization Fields, the URLs will not be shortened in the delivered SMS.
		Workaround: If SMS' has URLs with Personalization Fields, create the SMS using Quick Builder.
Landing page preview not working when published using Message Editor	HMA-345771	Preview for landing pages does not work in the following scenarios:

Table 2. Known Issues in 12.1.6 (continued)

Issue ID	Description
	 when landing pages are created and published using Message Editor when landing pages are created in Quick Builder and published using Message Editor
HMA-344547	SMS delivered from Journey does not send the latest URL configured in the SMS template of Unica Deliver.
	Workaround: To add a URL in the SMS template, create a copy of the original template, add the URL in it, and use the updated template in Journey Touchpoint. You will receive an updated message with the added link.
HMA-344443 / HMA-342759 / HMA-342112	Attributes getting response is different for checkbox and radio button type fields when integrated with Unica Journey.
	Woraround:
	In Unica Journey, the user needs to configure LP fields one after the other for checkbox otherwise the user cannot implement an effective Decision split with the existing behavior.
HMA-339726	In case of OneDB database, lots of SQLWarnings are seen in deliver_rct.log. An example is as follows: 2022-04-22 20:41:06,861 INFO C3P0PooledConnectionPoolManager [identityToken->2we9w9aob175d01n 07qw - Database selected
	HMA-344547 HMA-344443 / HMA-342759 / HMA-342112

Table 2. Known Issues in 12.1.6 (continued)

Issue	Issue ID	Description
		at com.informix.util.IfxWarnMsg.ge tSQLWarning(IfxWarnMsg.java:117) ~[onedb-jdbc-8.0.0.1-complete.j ar:8.0.0.1] at com.informix.jdbc.IfxSqliConnec t.addWarning(IfxSqliConnect.java :2237) ~[onedb-jdbc-8.0.0.1-complete.j ar:8.0.0.1] at com.informix.jdbc.IfxSqliConnec t.setWarnings(IfxSqliConnect.java a:4076) ~[onedb-jdbc-8.0.0.1-complete.j ar:8.0.0.1]
		Workaround:
		You can ignore the warnings as they have no impact.
Out-of-the-box Built-in Landing pages are not displayed for Partition2 user.	HMA-338362	Out-of-the-box Built-in Landing pages are not displayed for partition2 user or users that do not belong to partition1.
		Workaround:
		Contact HCL support to receive assistance in activating out-of-the-box Built-in Landing pages for multiple partitions.
SMS delivered from Journey does not send the latest URL configured in the SMS template in Deliver	HMA-338279	SMS delivered from Journey does not send the latest URL configured in the SMS template in Deliver.
		Workaround:
		To add a URL in SMS template, create a copy of the original template, add the URL in it, and use the updated template in Journey Touchpoint. This results in an updated message the added link.
Search results do not appear for ASCII name and English characters	HMA-338249	In Select a Communication dialog, for the Communication to search field, the search does not display

Table 2. Known Issues in 12.1.6 (continued)

Issue	Issue ID	Description
		results if the search query contains a combination of non-ASCII name and English characters.
Error converting data type nvarchar to bigint appears when executing drop scripts for GDPR on SQL server	HMA-337904	On Microsoft SQL Server database, the GDPR DELETE query throws the following error:
database		Error converting data type nvarchar to bigint.
		Workaround:
		For Microsoft SQL Server, from the GDPR delete script, replace:
		<pre>SELECT CustomerID INTO {Temp_Table} FROM <campaign_schema>.dbo.UA_Contac tHistory WHERE 1 = 0;</campaign_schema></pre>
		by:
		<pre>SELECT cast(CustomerID as nvarchar) CustomerID INTO {Temp_Table} FROM <campaign_schema>.dbo.UA_Contac tHistory WHERE 1 = 0;</campaign_schema></pre>
		After the replacement, save the script and execute it.
Image preview not working for built-in landing page	HMA-337748	For built-in preference landing pages, the image preview is not working for toggle block, dropdown, textarea, and button.
All the simple and In App Push communications created in Quick builder are listed and displayed in Message Editor.	HMA-333372	All the simple and In App Push communications created in Quick builder are listed and displayed in Message Editor. You should avoid opening or updating this communications from Message Editor as this will lead to issues.
For In App Push communication, videos browsed from Content picker does not get added or loaded on Safari.	HMA-334105	When user creates an In App push on Safari and adds videos from Content picker, the videos do not add or get loaded.

Table 2. Known Issues in 12.1.6 (continued)

Issue	Issue ID	Description
		Workaround: Use chrome on Mac to create In APP Push having videos or use public videos on Safari and do not add from Content picker.
Thumbnail generated content is not clear in IE browser.	HMA-332554	It is a browser specific compatibility issue, in which IE 11 does not support image with letters or words in it when compressed. So, the images get distorted.
Some videos may not play in final In App Push notification in Android or iOS devices	HMA-333918	Some videos may not play in an In App Push notification received on Android or iOS devices.
		Workaround: Videos must be formatted according to codec required by such device so that they can play. The general requirements for videos to play on Android or los devices are h264 encoding. Only MP4 / H264 videos are supported for In APP Push notifications, youtube videos public links are not supported.
CTRL + Z operation changes selected personalization field to undefined in email, SMS, and Push	HMA-334051	On performing CRTL+Z, the selected personalization field changes to undefined in email, SMS, and Push. Do not do Ctrl + Z, otherwise you may face issues .
Two delivered responses for a In APP Push sent - push.delivered and inApp.delivered	HMA-333512	For every In App push delivered, two response events are received. For example – If "In APP Push" communication is sent to one user and it is delivered then we will get two delivered responses for this one recipient, that is, push.delivered and inApp.delivered in uace_mobileevent campaign system table and also two delivered responses are displayed

Table 2. Known Issues in 12.1.6 (continued)

Issue	Issue ID	Description
		on Push Message Summary Report for In APP Push Mailing. Also, custom responses for In APP Push are not supported for Push Message Summary Report. This is not applicable to Simple Push.
User is not able to log in to Platform after upgrade to 12.1.3, in case Deliver is configured.	HMA-330433	Execute the following query on Platform database. select * from usm_role_role_map where role_id = (select ID from usm_role where name='Deliver_admin' and application=101 and partition_id=<>) Specify actual partition id in above query, default for partition1, partition id =1, it varies for multiple partitions. If above result in more than one row, contact HCL support to help in executing the following delete query. Delete one of the duplicate record of "Deliver_admin" role by running below query. delete from usm_role_role_map where role_id = (select ID from usm_role where name='Deliver_admin' and application=101 and partition_id=<>) and parent_role_id= <partition_id> For example, for partition id =1 delete from usm_role_role_map where role_id = (select ID from usm_role where name='Deliver_admin' and application=101 and partition_id=1) and parent_role_id=1</partition_id>

Table 2. Known Issues in 12.1.6 (continued)

Issue	Issue ID	Description
An error occurred while linking offer	HMA-318695	An error occurred while linking offer
to the content in Google Chrome		to the content in Google Chrome
browser.		browser due to "sameSite" security
		feature introduced by Google for
		Chrome browser.
		Workaround: Offer integration, that is,
		assigning Campaign offers to content
		(either in Quick Builder or in existing
		Message Editor) will work on Chrome
		and Safari browsers with the following
		settings depending on the application
		server where Campaign is deployed.
		If Campaign is deployed in
		Websphere. Offer integration
		works only if Campaign
		is configured for SSL and
		WebSphere version is 8.5.5.18
		or higher along with the
		following settings.
		 Create the following
		custom property
		on WAS admin
		console at Enterprise
		Applications >
		Campaign war >
		Session management
		> Add NewCustom
		property.
		Custom
		Property Name:
		CookieSameSite
		Custom Property
		value: None
		• Restart WebSphere.
		If Campaign is deployed in
		Tomcat: Offer integration
		works only if Campaign is

Table 2. Known Issues in 12.1.6 (continued)

Issue	Issue ID	Description
		configured for SSL along with the following settings. Add the following sameSiteconfiguration in context.xml file for Tomcat. CookieProcessor sameSiteCookies="None"/>? Restart Tomcat. If Campaign is deployed in JBOSS or WebLogic: Offer integration works if Campaign is configured for SSL and only in IE11 and Safari. It will not work on Chrome.
Images donot display in email and onlyDeliver CMS issupported for Offer integration.	HMA-324983	In Quick Builder, the images from CMS other thanDeliverCMS do not display in email, if link is assigned to those images. Also, with offer integration, no CMS other than Deliver CMS is supported.
Unable to access Message Editor or Quick Builder on Safari browser.	HMA-324964	Users are unable to access Message Editor or Quick Builder on Safari browser. Workaround: To access Message editor or Quick Builder in Safari browser, apply the following settings in Safari browser. 1. Navigate to Safari> Preferences > Privacy tab. 2. Deselect first cross site check box. 3. Relaunch Safari.

Table 2. Known Issues in 12.1.6 (continued)

Issue	Issue ID	Description
Extra rows as universal link gets added inucc_containerURLtable, if URL conditioning is done in email.	HMA-325523	If URL conditioning is implemented in email, then some extra rows gets populated in ucc_container URL table which may impact Detailed link by cell report and Detailed link report.
On Safari browser background screen gets distorted, when you choose image while creating Push communication in Quick Builder.	HMA-325498	On Safari browser, the background screen gets distorted, when you choose image while creating Push communication in Quick Builder. This is the background screen which gets distorted hence you can ignore this.
No global search for communications in Quick Builder.	HMA-323184	Communications searched in Quick Builder is not global, the search is only applied on the selected folder.
Interoperability:Email comunications created, edited or saved in legacy Message Editor are not supported in Quick Builder.		You can observe some issues if the email communications created, edited, or saved in legacy Message Editor is opened in Quick Builder.
Interoperability :Droppable zone is not displayed for duplicated block and they cannot be edited in legacy Message Editor as well.	HMA-323244	In Quick Builder while creating email communications, if a droppable zone is added and if the same email communication is opened in legacy Message Editor, then droppable zone for duplicate block is not displayed and they cannot be edited as well.
Interoperability :Formating issues for Image tool box in legacy Message Editor.	HMA-323218, HMA-323234	If border, width, and radius is applied to an image while designing email in Quick Builder and if same email is opened in the legacy Message Editor, the border, width, and radius are not displayed.
		While designing email in Quick Builder, if a value isprovided for the width of an image and if the same email is opened in legacy Message Editor, the width is always shown

Table 2. Known Issues in 12.1.6 (continued)

Issue	Issue ID	Description
		as 100%, although user can edit it manually.
		While designing an email in Quick Builder, if a link is provided to an image and if the same email is opened in legacy Message Editor, the image is not displayed.
		While designing an email in Quick Builder, if an imageis added and if the same email is opened in the legacy Message Editor, then a link with "#" as a value gets assigned to the image.
		Sometimes, you may observe issues, if emails are saved and published in the legacy Message Editor which were designed in Quick Builder.