



# **OpenText™ LiquidOffice**

## **Release Notes**

OpenText LiquidOffice Documentation

Release 16.4

## **OpenText™ LiquidOffice**

### **Release Notes**

Rev.: April 2018

**This documentation has been created for software version 16.4.**

It is also valid for subsequent software versions as long as no new document version is shipped with the product or is published at <http://support.opentext.com>.

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# 1 Introduction

These Release Notes provide an overview of LiquidOffice 16.4, including new features, delivery information, and supported platforms. OpenText recommends that you read these Release Notes in conjunction with the documentation included with the software package. If any conflicts exist, the Release Notes supersede the other documentation.

We also recommend that you check the OpenText My Support site (<https://support.opentext.com/>) for any patches or documentation updates that may have been posted after the initial release of this product.

## 1.1 Release notes revision history

Revision date	Sections revised	Description of revision
April 2018	First release	All new content

## 2 About OpenText LiquidOffice

OpenText LiquidOffice™ is an Intelligent Forms Automation solution that enables organizations to use rich web and PDF forms to collect, route, and process information.

With LiquidOffice, organizations can easily create intelligent forms to collect information from employees and customers. With that information, organizations can then use powerful routing and form processing capabilities to ensure information is validated, supplement information with data from other systems, route information for review and approval, and save information to back-end databases and applications.

LiquidOffice can completely automate forms-driven business processes for efficiency, in order to ensure that best practices are followed, and to improve customer satisfaction.

LiquidOffice includes the following key features:

Key Feature	Description
<b>Electronic form design</b>	Quickly design intelligent web and PDF forms to collect information and documents for routing to people and systems, and integrate into business processes.
<b>Anywhere / anytime access</b>	Enable users to access forms and perform tasks from web, mobile, and integrated user interfaces.
<b>Ad hoc routing</b>	Simplify review and approval processes with user-driven ad hoc routing of forms, information, and documents.
<b>Process modeling</b>	Easily model a business process with a drag-and-drop user interface, leverage business rules and scripting to interact with people and systems, and simulate for testing and validation.
<b>Business activity monitoring</b>	Enable decision-makers to monitor business processes and understand what's happening across an organization by using analytics to optimize performance.
<b>Integrated solutions</b>	Manage processes from end to end by taking advantage of integration with OpenText TeleForm, OpenText Content Server, databases, and content management systems.
<b>Audit and security</b>	Securely connect employees, customers, and partners inside and outside an organization with authenticated access to forms and audit trails of activity.
<b>Enterprise solution</b>	Deliver solutions to the enterprise and beyond with a scalable and integrated platform that can support thousands of users, forms, and processes.

### 2.1 New features

LiquidOffice 16.4 has many new features that enhance the appearance and behavior of web forms, improve, accelerate, and simplify the design experience, refine the Portal user experience, and provide new options to share forms with others.

The following new & enhanced feature(s) are included:

- ["Web form design" below](#)
- ["Web form configuration" on the next page](#)
- ["Attachment handling" on page 5](#)
- ["Button enhancements" on page 6](#)
- ["Portal updates" on page 7](#)
- ["Form sharing" on page 8](#)
- ["Form templates & SDK examples" on page 8](#)
- ["Other features" on page 9](#)
- ["Updated platform support" on page 10](#)

## 2.1.1 Web form design

New features have been added to Form Designer that provide an improved web form design experience.

### Page units

Web form designers can now use pixels as the unit of measurement. Using pixels is more common than other units when designing web forms for display on a monitor or mobile device.

### Page size options

New page size options have been added to help form designers create web forms that display well within a browser on common desktop and phone displays.

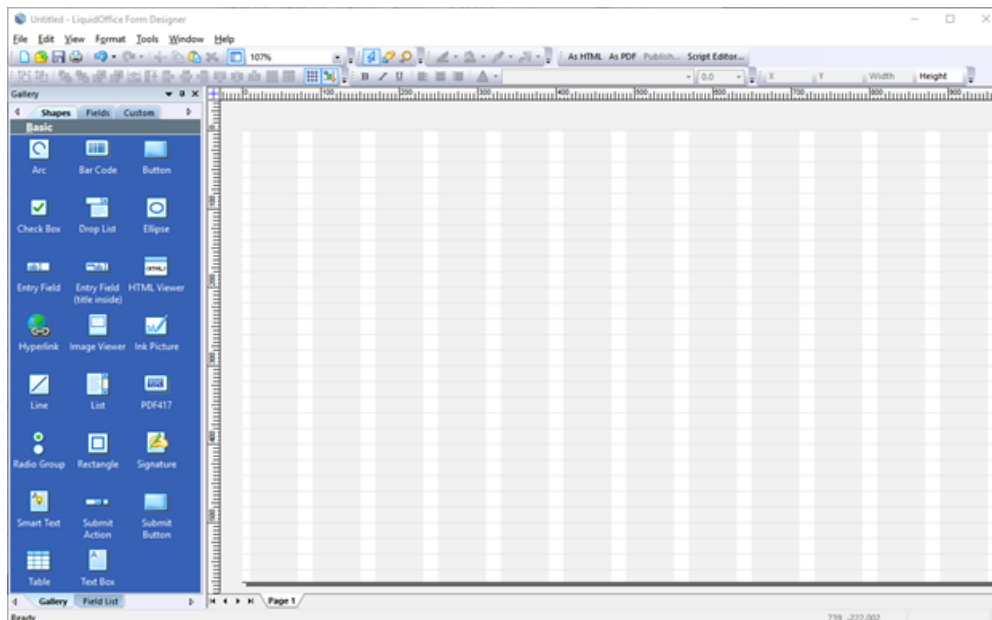
These include the following options:

- **Web 360**—360 x 528 pixels. This option fits nicely in mobile browsers on most mobile phones.
- **Web 960**—960 x 576 pixels. This option works well in most desktop browsers on displays 1024 x 768 and larger. The popular 960 grid system is displayed when this option is used. This option is recommended for broad user support and is the default size for new forms.
- **Web 1302**—1302 x 576 pixels. This option works well on most modern displays available today.
- **Web 1856**—1856 x 888 pixels. This option works well on most higher resolution displays.

### Design grid

A new design grid has been added when pixels are used as the unit of measurement in order to help with web form layout. This grid follows a common approach using the 960-grid system with

12 columns. The number of columns displayed changes based on the size of the form in order to help designers follow common layout practices.



## 2.1.2 Web form configuration

Several changes have been made to provide designers improved web form appearance and behavior. These changes also help make web form design faster and easier by providing configurable options that can replace script.

### Web form toolbar

Configuration options have been added that enable designers to control display of the toolbar that appears at the top and bottom of forms.



Designers can select the following toolbar options:

- Show/hide top toolbar
- Show/hide paging, download, and offline controls
- Show/hide bottom toolbar

### Web form display

The following design changes affect how web forms are displayed, and are intended to help designers create web forms that follow common web design practices.

- **Field title position**—The default title position for drop-down lists, entry fields, and signatures is now above the field and left aligned. This change reflects common practice for



web form design.

- **Form backdrop color**—The default form backdrop color has been changed to white. This change reflects common practice for web form design.
- **Page border**—A new configuration option is now available to hide a web page border.

## Dynamic page behavior

An HTML publishing option has been added to enable designers to control how forms are displayed when they contain dynamic tables that are expanded beyond the default page boundaries.

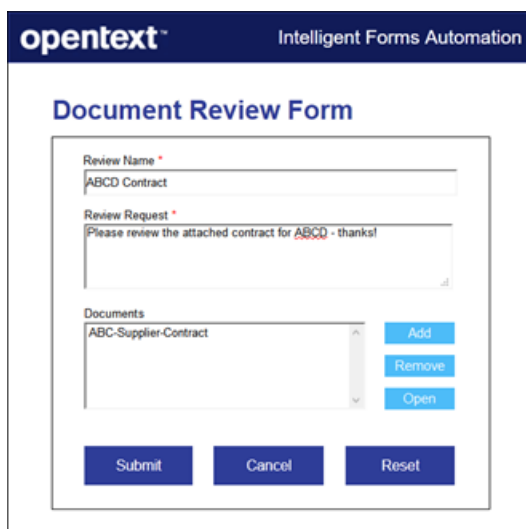
As dynamic tables expand, the legacy behavior is to display a dotted line across the page to define the default page boundary, and to split the table around this boundary with space in between.

An option has been added to select use of legacy behavior or not, and if it is not selected, the page will simply grow as needed beyond the default page boundary without introducing paging. No dotted line is displayed, and tables will not be split.

## 2.1.3 Attachment handling

In previous releases, a user could select a button on a form to access attachment management functionality, and a separate page would display to provide users with the ability to attach and manage files and other types of attachments. With the 16.4 release, designers can now add the ability to work with file attachments directly on the form itself, improving the user experience and simplifying design.

- **List box**—A new attachment control type has been added that displays all current file attachments.
- **Button actions**—Actions have been added that enable users to add, delete, and open attachments.

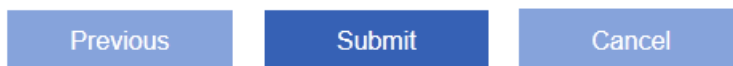


The screenshot displays a web form titled "Document Review Form" within the OpenText Intelligent Forms Automation interface. The form contains the following elements:

- Review Name:** A text input field containing "ABCD Contract".
- Review Request:** A text area containing "Please review the attached contract for ABCD - thanks!".
- Documents:** A list box containing "ABC-Supplier-Contract". To the right of the list box are three buttons: "Add", "Remove", and "Open".
- Form Controls:** At the bottom of the form are three buttons: "Submit", "Cancel", and "Reset".

## 2.1.4 Button enhancements

Buttons play a key role on forms and changes have been introduced in 16.4 to make them even more powerful.



### Submit and Cancel actions

LiquidOffice forms are typically submitted or canceled using a **Submit Action** drop-down control. This is useful when there are many possible actions on a form. However, a more common approach is to have separate **Submit** and **Cancel** buttons on a form. LiquidOffice 16.4 includes new button actions that enable forms to be submitted or canceled, without using the **Submit Action** control.

### Display specific page action

Navigation between pages on a multi-page LiquidOffice form is typically done using the navigation controls on the form toolbar. A more common approach is to include **Next** and **Previous** buttons on a form, or include buttons that make a form appear as if it has tabs.

LiquidOffice 16.4 includes a new **Select page** button action that makes it easy for designers to open a specific page when a button is selected. Combined with the new option to hide the toolbar, this feature enables more modern appearance and behavior.

### Attachment actions

New button actions have been added that enable attachments to be added, deleted, and opened. See "[Attachment handling](#)" on the previous page for more information.

### Button styles

LiquidOffice includes a variety of ways to customize the appearance and behavior of a button. A couple of changes have been introduced for 16.4.

For the **Button has no appearance** style, it's now possible to display a label with the font that you want. This feature is useful when creating buttons with a label on top of images or other elements like a colored rectangle to get a colored-button appearance.

For buttons created with an image, there is no longer a rectangular border displayed, making it easier to create buttons with any shape.

Note that the **Standard 3D button** has been renamed to **Standard button**. This reflects the change in appearance of standard buttons in web browsers.

## 2.1.5 HTML Viewer

The HTML Viewer control in Form Designer has been updated to enable designers to create forms that seamlessly embed custom HTML and enhance form appearance and behavior.

- **Content editor**—HTML can now be added directly from within Form Designer at design time.
- **Full HTML support**—Optionally include any HTML as content.
- **Hide Border option**—Choose to show or hide a border

When these features are used together, this provides designers with complete flexibility to display any content imaginable. For example, it's now easy to include a line of HTML that embeds a video and have it seamlessly integrated into a form.

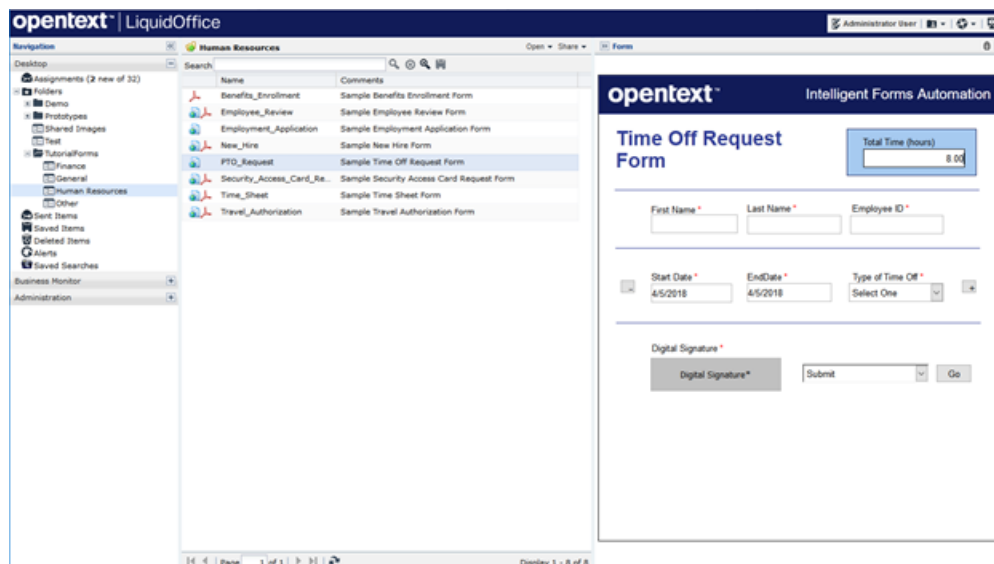


## 2.1.6 Portal updates

An important part of user experience is interaction with forms in the Portal. LiquidOffice 16.4 introduces options that enhance that user experience by providing a more seamless user interaction.

### Open form location

The default behavior when opening a form from within the Portal is to open the form in a new window, or if a browser is configured a certain way, open the form in a new tab. This takes a user away from the Portal, likely hiding it from view, and potentially clutters a user's desktop. LiquidOffice 16.4 introduces an option to select where a form is opened; in a new tab, in a new window, or in a new right pane within the Portal. Selecting the right pane option introduces a new seamlessly integrated pane within the Portal so a user does not have to leave the Portal to complete a form.



## Save & restore layout

In LiquidOffice 16.4, when the navigation pane, bottom pane, or right pane is resized, collapsed, or expanded, the configuration is now saved when a user logs out and restored each time the user logs back into Portal.

## 2.1.7 Form sharing

Many organizations provide users with access to forms and processes from other portal environments such as Microsoft SharePoint, OpenText Content Server, or custom websites. In some cases, users share access to forms using links in an email. LiquidOffice 16.4 adds a new **Share** menu to the Portal to make it much easier to get access to form links so they may be accessed from outside of LiquidOffice.

- **Share menu**—Provides access to form sharing options, and copies a link to the clipboard
- **Copy link to HTML form**—Copies a link to the HTML version of a form to the clipboard
- **Copy link to PDF form**—Copies a link to the PDF version of a form to the clipboard
- **Email form links**—Creates an email with links to both HTML and PDF versions of a form

## 2.1.8 Form templates & SDK examples

LiquidOffice 16.4 includes many new and updated example and template forms to help form designers create powerful and modern forms. These are included as Form Designer templates, and with the SDK installed on the server.

These templates and examples highlight some of the many ways in which forms can be created, many of the new features included in this release, and both web and PDF forms.

In addition, a form is included that not only provides an example of a custom form portal that demonstrates an easy way to provide users with access to specific forms within an organization, but it also provides access to all of the example and template forms included. Simply publish all of the example forms with the default friendly URL name to your server, and the links from this **Sample Form Portal** will provide users with access to these forms.

**opentext™** Intelligent Forms Automation

### General Form Templates

<a href="#">Desktop Web</a>	Standard desktop web form template
<a href="#">Desktop Web Wizard</a>	Desktop wizard web form template
<a href="#">Mobile Web</a>	Mobile web form template

### Finance Form Examples

<a href="#">Credit Application</a>	Web & PDF form
<a href="#">Expense Report</a>	Web & PDF form
<a href="#">Insurance Quote</a>	Wizard web form
<a href="#">Invoice</a>	Web & PDF form
<a href="#">Purchase Order</a>	Web & PDF form

### HR Form Examples

<a href="#">Benefits Enrollment</a>	PDF form
<a href="#">Employee Review</a>	Web & PDF form
<a href="#">Employment Application</a>	Multi-page tabbed web form
<a href="#">New Hire</a>	Web & PDF form
<a href="#">PTO Request</a>	Web form
<a href="#">Security Card Request</a>	Web & PDF form
<a href="#">Time Sheet</a>	Web & PDF form
<a href="#">Travel Authorization</a>	Web & PDF form

### Other Form Examples

<a href="#">Document Review</a>	Web form with attachments
<a href="#">Problem Report</a>	Web & PDF form
<a href="#">Survey</a>	Mobile web form
<a href="#">Camp Registration</a>	Responsive dynamic web form
<a href="#">Conference Registration</a>	Web form with embedded HTML

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## 2.1.9 Other features

Several other new features are included in LiquidOffice 16.4:

- OpenText branding, icons, logos, and colors updated across all product components.
- Form Designer no longer issues a warning if there is no submit action on a form when publishing.
- The default color for the Form Designer Gallery is now blue.
- The LiquidOffice Programming Guide and LiquidOffice Process API have been updated for OTDS.
- You can now find Java and OS information output at server start time and stored in the `stdout.log` file.
- Updated TLS cipher suites that can be used for incoming HTTPS connections. Removed deprecated and vulnerable cipher suites and enforced an ordering that will use the strongest available cipher suite supported by the client application.

## 2.1.10 Updated platform support

LiquidOffice has added support for the following platforms:

- Microsoft Windows 10 (for mobile devices)
- OTDS 16.2
- Content Server 16.2
- Google Chrome 49 and later (for mobile devices)
- Microsoft Edge 20 and later (for mobile devices)
- TomEE+ 7.0.4

## 2.2 Discontinued and deprecated features

The following features have been discontinued or deprecated:

- ["Discontinued platforms" below](#)

### 2.2.1 Discontinued platforms

LiquidOffice has discontinued support for the following platforms:

- Microsoft Windows 7
- Microsoft Windows 8 (for mobile devices)
- Apple OS X earlier than 10.9
- Apple iOS earlier than 9

- Android earlier than 4.4
- Red Hat Enterprise Linux 5
- Java 7
- WorkSite 8.5.x
- Microsoft Edge earlier than 20
- Microsoft Internet Explorer 9 and 10
- Mozilla Firefox earlier than 52
- Apple Safari earlier than 9
- Android browser earlier than 4.4
- Google Chrome earlier than 49
- Adobe Acrobat Reader earlier than 15.x
- Eclipse earlier than 4.6 (Neon)

# 3 Packaging and documentation

Downloads and documentation for LiquidOffice are available on OpenText My Support (<https://support.opentext.com>).

## 3.1 Documentation updates

The following updates have been made to the documentation:

- Documentation and Help files have been updated to a new format.



# 4 Supported environments and compatibility

This section provides details about supported platforms, systems, and versions.

## 4.1 LiquidOffice system requirements

This section describes the system requirements for installing OpenText LiquidOffice.

- ["Operating system requirements" below](#)
- ["Hardware requirements" on the next page](#)
- ["Software requirements " on page 15](#)
- ["Browser plugin support" on page 17](#)
- ["Internet Explorer limitations" on page 17](#)

### 4.1.1 Operating system requirements

Category	Operating system
Server	<ul style="list-style-type: none"><li>• Microsoft Windows Server 2012</li><li>• Microsoft Windows Server 2012 R2</li><li>• Microsoft Windows Server 2016</li><li>• Sun Solaris 10 (SPARC/x86/x64)</li><li>• Red Hat Enterprise Linux 6.5 and 7 (x86/x64)</li></ul>
Desktop client	<ul style="list-style-type: none"><li>• Microsoft Windows 7 SP1</li><li>• Microsoft Windows 8.1</li><li>• Microsoft Windows 10</li><li>• Apple OS X 10.9 and later (except Form Designer and Data Client)</li></ul>

Category	Operating system
Mobile client	<ul style="list-style-type: none"> <li>• Apple iOS 9 and later</li> <li>• Android 4.4 and later</li> <li>• Microsoft Windows 8.1</li> <li>• Microsoft Windows 10</li> </ul>

## 4.1.2 Hardware requirements

Category	Minimum hardware requirements
Process and presentation server hardware	<ul style="list-style-type: none"> <li>• Processor—                             <ul style="list-style-type: none"> <li>• Intel (Windows, Solaris, Linux)</li> <li>• Oracle SPARC (Solaris)</li> </ul> </li> <li>• RAM—4 GB</li> <li>• Hard Drive—1GB free disk space</li> </ul>
Database server hardware	<div style="border: 1px solid #ccc; padding: 5px; margin-bottom: 10px;"> <p><b>Note:</b> These are general guidelines for using a database in a LiquidOffice environment. For information about the specific requirements for the database that you use, see the documentation for your database.</p> </div> <ul style="list-style-type: none"> <li>• Processor—                             <ul style="list-style-type: none"> <li>• <b>Minimum:</b> 4 physical processors</li> <li>• <b>Recommended:</b> 8 or more physical processors</li> </ul> </li> <li>• RAM—8GB</li> <li>• Hard Drive—<b>Recommended:</b> Striped across at least 2 physical drives + redundancy. (Implies 4 physical drives and RAID 1+0)</li> </ul>
Development workstation hardware	<ul style="list-style-type: none"> <li>• Processor—Intel (Windows, OS X)</li> <li>• RAM—1GB</li> <li>• Hard Drive—1 GB</li> </ul>
Mobile devices	<ul style="list-style-type: none"> <li>• Apple iPhone</li> <li>• Apple iPad</li> <li>• Android smartphone</li> <li>• Android tablet</li> <li>• Windows tablet</li> </ul>

### 4.1.3 Software requirements

Category	Supported software
Technology platform	<ul style="list-style-type: none"> <li>• Server—Java SE JDK 8, 32-bit and 64-bit</li> <li>• Studio—Java SE JRE 8, 32-bit and 64-bit</li> <li>• Management Console—Java SE JRE 8, 32-bit and 64-bit</li> <li>• Form Designer—Java SE JRE 8, 32-bit</li> </ul> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p><b>Note:</b> Form Designer requires Java SE JRE 8, 32-bit for publishing. Form Designer does not include a bundled JRE, so the JRE must be installed separately..</p> <p>Normally, Form Designer will detect the most current 32-bit system (public) JRE installed and use that. If a public JRE is not installed, and a private JRE is desired, you can set an environment variable to the location of the other JRE. Form Designer determines the JRE to use by searching the following locations, stopping with the first one found:</p> <ol style="list-style-type: none"> <li>1. Most current 32-bit system (public) JRE</li> <li>2. LFD_JAVA_HOME environment variable</li> <li>3. JAVA_HOME environment variable</li> </ol> </div>
Database management system	<ul style="list-style-type: none"> <li>• Microsoft SQL Server 2012</li> <li>• Microsoft SQL Server 2014</li> <li>• Microsoft SQL Server 2016</li> <li>• Oracle Database 11g</li> <li>• Oracle Database 12c</li> <li>• PostgreSQL 9.x</li> <li>• Apache Derby 10.x</li> </ul>
Directory server	<ul style="list-style-type: none"> <li>• Microsoft Active Directory 2012 and 2016</li> <li>• OpenText Directory Services 16.x</li> <li>• Oracle Internet Directory</li> <li>• Novell eDirectory 8.x</li> <li>• Sun Java System Directory Server</li> <li>• IBM Tivoli Directory Server 6.x</li> </ul>
Content management system	<ul style="list-style-type: none"> <li>• OpenText Content Server 16.x</li> <li>• Microsoft SharePoint 2016</li> <li>• Meridio 5.x</li> <li>• WorkSite 9.x</li> </ul>

Category	Supported software
Application server (for presentation layer)	<ul style="list-style-type: none"> <li>• Apache Tomcat 7.x</li> <li>• WebSphere 8.x</li> <li>• Oracle WebLogic 12c</li> </ul>
Browser—desktop	<p>Browsers marked with an asterisk (*) have restrictions on their use. For information about browser restrictions, see <a href="#">"Browser plugin support" on the next page</a> and <a href="#">"Internet Explorer limitations" on the next page</a>.</p> <ul style="list-style-type: none"> <li>• Microsoft Edge 20 and later*</li> <li>• Microsoft Internet Explorer 11*</li> <li>• Mozilla Firefox 52 and later</li> <li>• Apple Safari 9 and later</li> <li>• Google Chrome 49 and later*</li> </ul>
Browser—mobile	<p>Browsers marked with an asterisk (*) have restrictions on their use. For information about browser restrictions, see <a href="#">"Browser plugin support" on the next page</a> and <a href="#">"Internet Explorer limitations" on the next page</a>.</p> <ul style="list-style-type: none"> <li>• Apple Safari 9 and later*</li> <li>• Android browser 5.0 and later*</li> <li>• Google Chrome 49 and later*</li> <li>• Microsoft Edge 20 and later*</li> <li>• Microsoft Internet Explorer 11*</li> </ul> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p><b>Note:</b> For more information on designing forms for mobile devices, refer to the <b>Form Designer User Guide</b>.</p> </div>
PDF reader—desktop	<p>Adobe Acrobat Reader DC 15.x and later</p> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p><b>Note:</b> To configure browsers to use the Adobe Reader plug-in, refer to <a href="https://helpx.adobe.com/acrobat/using/display-pdf-in-browser.html">https://helpx.adobe.com/acrobat/using/display-pdf-in-browser.html</a></p> </div> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p><b>Note:</b> Native browser PDF readers, such as those supplied by Google Chrome and Mozilla Firefox, do not support the ability to communicate with a server.</p> </div>
PDF reader—mobile	None
Office applications	Microsoft Outlook 2013 or 2016 (for Microsoft Outlook integration)
Integrated development environment for dynamic forms client	Eclipse 4.6 (Neon)

## 4.1.4 Browser plugin support

Certain functionality within OpenText LiquidOffice requires the use of browser plugins, which are not supported by all browsers:

- PDF forms require the use of the Adobe Reader browser plugin. PDF forms rely on Acroforms technology, which is only available through the Adobe product, and not through browsers' built-in PDF readers.
- Bar codes on HTML forms are implemented via a Java applet, which require the Java browser plugin. Without the Java plugin, bar codes will not be displayed.

The following table summarizes browser support for plugins:

Browser	Plugin Support
Microsoft Internet Explorer	Supported
Microsoft Edge	Not supported
Mozilla Firefox	Not supported. Firefox ended support for NPAPI plugins in version 52.
Google Chrome	Not supported. Google ended Chrome support for NPAPI plugins in version 45.
Apple Safari	Supported on OS X; Not supported on iOS
Android browser	Not supported

## 4.1.5 Internet Explorer limitations

Feature	Limitations
Compatibility View	<p>Turning off Compatibility View is strongly recommended. Customers will be limited to simple forms with Compatibility View turned on.</p> <p>To clear the Compatibility View Setting in Internet Explorer, go to <b>Tools &gt; Compatibility View settings</b>, clear the <b>Display intranet sites in Compatibility View</b> option, and then click <b>Close</b>.</p>
Protected Mode	<p>For Java applets, such as the barcode control on forms, Protected Mode must be turned off.</p> <p>To clear the Protected Mode option:</p> <ol style="list-style-type: none"> <li>1. Go to <b>Tools &gt; Internet Options &gt; Security</b> tab.</li> <li>2. Clear the <b>Enable Protected Mode</b> option, and then click <b>OK</b>.</li> </ol>

Feature	Limitations
Enhanced Protected Mode	PDF forms with 64-bit versions of Internet Explorer require clearing Enhanced Protected Mode. To clear the Enhanced Protected Mode option: <ol style="list-style-type: none"><li data-bbox="565 386 1019 415">1. Go to <b>Tools &gt; Internet Options &gt; Advanced</b> tab.</li><li data-bbox="565 428 1305 485">2. Under the settings in the <b>Security</b> group, clear the <b>Enable Enhanced Protected Mode</b> option, and then click <b>OK</b>.</li></ol>
Metro Mode	Metro Mode is not supported, although it might work for simple forms.
Enterprise Mode	Enterprise Mode is not supported since it emulates IE8, which is not supported.

# 5 Installation and upgrade notes

This section provides additional installation and upgrade information, including related or third-party product information and any required critical patches.

## 5.1 Installation notes

Before you install LiquidOffice, review these additional installation notes and verify related product or third-party product requirements.

Portal and Web Desktop	<p>The LiquidOffice Portal was introduced in version 7.0, and is now the primary user interface for accessing forms, initiating workflow processes, and managing assignments. The Web Desktop has been retained in recent versions to enable customers to transition from the Web Desktop to the Portal user interface. Moving forward, new features are planned only for the Portal and not for the Web Desktop. Future releases are unlikely to include the Web Desktop. Customers are advised to migrate users from using the Web Desktop to the Portal.</p>
Form issues	<p>To take advantage of some of the changes made to address form issues, you should republish the affected forms.</p> <p>A limitation of the Form Designer PDF import feature is that imported forms can only be published as PDF forms, not HTML. When opening a form that was imported from PDF, Ghostscript must be installed and configured. See the OpenText LiquidOffice Form Designer User Guide for details.</p>
Java Compatibility—Java 8	<p>As of Java 8, the JDBC/ODBC bridge has been removed, which breaks the JDBC/ODBC connect agent after you upgrade to Java 8. To ensure that your JDBC/ODBC connect agent works correctly after upgrading to Java 8, you must copy the JDBC/ODBC bridge from Java 7 to Java 8. For more information about how to copy the JDBC/ODBC bridge from Java 7 to Java 8, see the <i>Management Console User guide</i>.</p> <p>Management Console and Process Studio may not launch (<code>com.sun.deploy.net.FailedDownloadException</code>) when using some versions of Java 7 and Java 8, and an automatic proxy configuration script, which is defined under network settings. In this case, you may configure an explicit proxy server instead of using an automatic proxy configuration script.</p> <p>Java 8 drops support for permanent memory generation, and the <code>MaxPermSize</code> startup option. With default settings in the startup scripts, you see a warning in the log after server shutdown: "Java HotSpot(TM) 64-Bit Server VM warning: ignoring option <code>MaxPermSize=256m</code>; support was removed in 8.0." This warning is harmless and you may ignore it.</p>

<p>Java Compatibility—Form Designer</p>	<p>Form Designer requires a 32-bit Java JRE version 7 or later for publishing. As of LiquidOffice 7.8, Form Designer no longer includes a bundled JRE, so the JRE must be installed separately.</p> <p>Normally, Form Designer will detect the most current 32-bit system (public) JRE installed and use that. If a public JRE is not installed, and a private JRE is desired, you can set an environment variable to the location of the other JRE. Form Designer now determines the JRE to use by searching the following locations, stopping with the first one found:</p> <ol style="list-style-type: none"><li>1. Most current 32-bit system (public) JRE</li><li>2. LFD_JAVA_HOME environment variable</li><li>3. JAVA_HOME environment variable</li></ol>
<p>OTDS</p>	<p>If you are currently using OTDS and upgrading from LiquidOffice 16.2 to a later version, you must configure your OTDS synchronization as described in OpenText LiquidOffice Management Console User Guide.</p>



## 6 Fixed issues

This section provides information about past issues that have been fixed in this release.

Issue number	Issue description
LO-11710	Potential security vulnerabilities.
LO-12054	In Portal, the HTML icon and Process icon are missing for dynamic forms.
LO-13430	As of Java 8, the JDBC/ODBC bridge has been removed, which breaks the JDBC/ODBC connect agent after you upgrade to Java 8. To ensure that your JDBC/ODBC connect agent works correctly after upgrading to Java 8, you must copy the JDBC/ODBC bridge from Java 7 to Java 8. For more information about how to copy the JDBC/ODBC bridge from Java 7 to Java 8, see the <i>Management Console User guide</i> .
LO-15650	On an Ink Picture, old strokes are not cleared when the writing guide is disabled. To fix this issue, you must republish the form.
LO-15651	On an Ink Picture, setValue is not clearing the image before drawing the new input. To fix this issue, you must republish the form.
LO-15714	The actions provided in the Report Filter Event Actions topic in the LiquidOffice Programming guide are incomplete.
LO-15717	On an Ink Picture, if background image enabled, setValue only clears new strokes that have been added after opening the form. To fix this issue you must republish the form.
LO-16589	When Oracle 11g is used as the server database, nothing is displayed in the <b>Monitors &gt; Processes</b> area of Management Console, even if <b>Monitors</b> had previously been created. Additionally, an error message with a SQLException appears in the Event Log.
LO-16773	When configuring a Data View in Portal using Internet Explorer, if you click the <b>Add Role</b> button when configuring access for a selected field, the <b>Search Roles</b> window does not appear as expected.
LO-16879	Debug logging is left in the server logs.
LO-16890	When using OTDS, the Process API Group getUsers method throws an exception.
LO-16891	In the documentation, the OTDS configure resource REST API URL is missing. Additional details regarding OTDS configuration have now been added to the <i>LiquidOffice documentation</i> .
LO-17045	With the Content Server Export Connect Agent, you receive an error even though the export completes successfully.
LO-17052	When launching Management Console or Process Studio, a message is issued that implies that a JRE has not been installed. This message has been removed.

Issue number	Issue description
LO-17076	When using OTDS, if the same user login ID exists in multiple partitions under the same resource, authentication issues occur for those users.
LO-17158	Lookup connect agent pre-fills fail and issue an error.
LO-17172	The addMember() and removeMember() APIs in com.cardiff.bpm.user.Role are not functional.
LO-17193	<p>When completing OTDS synchronization, users that have the same ID, but belong to different partitions under the same resource are not copied to the LiquidOffice database.</p> <p>If you are currently using OTDS and upgrading from LiquidOffice 16.2 to a later version, you must configure your OTDS synchronization as described in <i>OpenText LiquidOffice Management Console User Guide</i>.</p>
LO-17209	Duplicate record IDs
LO-17236	<p>When completing OTDS group(s) synchronization, groups that have the same name, but belong to different partitions under the same resource are not copied to the LiquidOffice database.</p> <p>If you are currently using OTDS and upgrading from LiquidOffice 16.2 to a later version, you must configure your OTDS synchronization as described in <i>OpenText LiquidOffice Management Console User Guide</i>.</p>
LO-17287	In Portal's <b>Display</b> settings, the <b>Display</b> drop-down list does not indicate what is being displayed.
LO-17321	<p>Outlook integration stops working after the October Microsoft Office update.</p> <p>This is a known issue from Microsoft. A workaround is now provided in the <i>LiquidOffice Administration Guide</i>.</p>
LO-17846	In the Form Designer, after installing Form Designer the <b>Fields</b> tab is missing from the gallery area.

# 7 Known issues

This section provides information about known issues in this release.

Issue number	Issue description
LO-15483	PDF forms with signature fields fail to load in Adobe Acrobat/Reader DC Classic. This issue does not exist in Adobe Acrobat/Reader and Acrobat/Reader DC Continuous.
LO-17537	In some situations, customers might notice a degradation of performance in LiquidOffice 16.2 and 16.4 compared to 7.8. As always, prior to upgrading a production environment, customers are advised to upgrade a test environment and to include performance testing that reproduces a typical load to understand if there is an impact.
LO-17866	Attachment lists do not appear correctly in flattened PDF files.
LO-18194	If you publish sample forms with the default form size of 5MB, some sample forms might not be published. To ensure that you can publish a sample form, you can increase the <b>Max Attachments Size</b> server setting in the Management Console. In future releases, the default value will be increased to 20MB.
LO-18201	Attachment lists do not appear correctly on mobile browsers.

## 8 Contact information

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