

# Deployment Instructions

## | Appian App Market |

A document that defines the process of deploying  
Html to Excel Transformation  
Appian Smart Service Plug-in.



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# Enterprise HTML to Excel Document Transformation Plugin

## Deployment Instructions Documentation

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**Instruction Note:** A document that defines the process of deploying Html to Excel Transformation Appian Smart Service Plug-in.

### 1. Plugin Overview

- The HTML to Excel Converter Plugin converts HTML content provided either as HTML code or as an HTML file into downloadable Excel (.xlsx) files within Appian.
- It helps automate report generation, policy comparison exports, and data export scenarios while reducing manual effort.

### 2. Business Use Cases

This plug-in is designed to automate the transformation of HTML-based data into Excel documents within Appian applications. It is particularly useful for generating structured reports, exporting comparison data, and delivering client-ready Excel outputs without manual intervention.

Key business use cases include:

- Exporting Appian data into Excel format for reporting and analysis
- Generating policy comparison reports for insurance workflows
- Automating report delivery to clients and business stakeholders
- Converting structured HTML (tables) into Excel for downstream processing
- Reducing manual Excel creation effort and improving turnaround time

The plugin is especially valuable in data-heavy workflows such as policy checking automation, where comparison results need to be delivered in Excel format quickly and accurately.

### 3. Key Features

The plugin provides robust HTML-to-Excel conversion capabilities within Appian using smart services.

Key features include:

- Supports both HTML file input and raw HTML code input
- Converts structured HTML (table-based) into Excel (.xlsx) format
- Generates downloadable Excel documents within Appian
- Seamless integration with Appian process models and workflows
- Designed for high-performance report generation use cases

- Supports inline and internal CSS styling (within supported limits)
- Secure processing within Appian environment (no external data exposure)
- Compatible with Appian Cloud (Java 17) and on-prem environments

Smart Services:

- Html File To Excel
- Html Code To Excel

These smart services:

- Accept HTML input (file or code)
- Convert the content into Excel format
- Save the generated document into Appian Document Management System
- Return the generated Excel file for further use

#### 4. Usage in Appian

- Call the plugin smart service
- Pass required inputs
- Store the output
- Display or download the generated file

#### 5. Input Parameters

##### A. Smart Service: HTML File to Excel

Parameter	Type	Required	Description
Source Document	File	Yes	The HTML file to be passed so it can be converted into Excel format and returned.
New Document Name	Text	Yes	File name to be assigned to the converted output document.
Save In Folder	Folder	Yes	Appian folder where the converted output file will be saved.

##### B. Smart Service: HTML Code to Excel

Parameter	Type	Required	Description
HTML Code	Text	Yes	The HTML code to be passed so it can be converted into Excel format and returned.
New Document Name	Text	Yes	File name to be assigned to the converted output document.

Parameter	Type	Required	Description
Save In Folder	Folder	Yes	Appian folder where the converted output file will be saved.

## 6. Output Details

Output	Type	Description
File	Excel Document (.xlsx)	Generated Excel output file

## 7. Limitations

- Complex styles are not fully supported
- Images will not work
- Best for table-based HTML
- Large files may impact performance and consume more time, although output can still be generated accurately for supported structures

## 8. Performance Considerations

- Large HTML payloads may increase processing time.
- The plugin only supports table-format conversions to Excel, so input HTML should use proper <table>, <tr>, <th>, and <td> tags.
- It supports internal and inline CSS styles within supported scenarios.
- Use proper and consistent HTML tags to improve conversion accuracy.
- Ensure all HTML tags are correctly closed, as unclosed tags can lead to formatting mismatches in the Excel output.

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