What’s New in Automation Engine 16.1?
Release of November 2017 and January 2018

29/01/2018
Gang Run Printing improvements

- The “Prepare Graphics for Nesting” task now allows to:
  - optimize a cut path by rounding corners
  - extend graphics based on the backside graphics or by using a solid color
Gang Run Printing improvements (2)

- The Gang Run Printing view can now display the nesting layout proposals (pause queue, preview the nested result(s), choose and print).
Improved integration with Kongsberg tables

- A Kongsberg cutting job can now be split and moved to another table queue.
Improved integration with Kongsberg tables (2)

- A Gang Run Printing Substrate Queue can now be linked to a material in i-PC.
JSON support

- 2 new tasks: “Convert JSON to XML” and “Convert XML to JSON”
  - This avoids the external web service from having to do the conversion to/from XML
- Some workflow controls now also allow adding inline JSONPath
  - including a JSONPath expression builder, much like the XPath one
Support for Amazon S3

- New type of Access Point allow accessing the cloud storage of Amazon S3.
- The ‘Upload to Cloud Storage’ task now also allows sending to Amazon S3.
Outgoing E-mail: Support for Office365

- Advanced E-mail configuration parameters enable support for Office365 for outgoing mail.
“Preflight Color for Digital Printing” verifies if a job is suited to print on a certain press and with a certain ink set (HP Indigo only).
Seeing a Ticket’s Modification Date

- See, sort and filter by its modification date

<table>
<thead>
<tr>
<th>Task Type</th>
<th>Ticket Name</th>
<th>Modification Date</th>
<th>Modified By</th>
</tr>
</thead>
<tbody>
<tr>
<td>Export IMP File to PD...</td>
<td>PDF Sheet naar drukker</td>
<td>10/3/17 12:26 PM</td>
<td>beou@rdvmae19</td>
</tr>
<tr>
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<td>dup Default 2017071114...</td>
<td>10/3/17 8:53 AM</td>
<td>beou@rdvmae19</td>
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<tr>
<td>Workflow</td>
<td>test</td>
<td>10/3/17 8:53 AM</td>
<td>beou@rdvmae19</td>
</tr>
<tr>
<td>Normalize PostScript ...</td>
<td>150dpi_iso_v2_300_not ...</td>
<td>10/3/17 7:41 AM</td>
<td>beou@rdvmae19</td>
</tr>
<tr>
<td>Normalize PostScript ...</td>
<td>150dpi_iso_v2_300_usa ...</td>
<td>10/3/17 7:41 AM</td>
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<tr>
<td>Export to PDF File</td>
<td>Default - Neal at 36ppi</td>
<td>10/2/17 12:07 PM</td>
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</table>
And Also:

- PitStop 2017 is now embedded in AE (enabling new functionality, for example 'restrictions',...).
- Basic support for PDF+ files in Automation Engine (FileInfo, Router).
- Extensions in the Import JDF Layout allow for an integration with Tilia Labs S&R through JDF.
- Support for MacOS High Sierra as client OS.
- Support for SQL Server 2016 as external database server.
- An external web service can now query for info about connected CDI devices.
- The ‘Interact with Web Service’ task now supports chunked encoding.
- Web Service Access Points now support HTTPS and authentication.
- The ‘Cloud Storage’ services now re-establish a connection in an easy way.
- The ‘Script SmartName’ editor now shows line numbers.
- Reducing the amount of tasks in the CPU queues can now be done via Server Admin.
- ...