Automation Configuration

vnmrj adm => Configure => Automation….
[as vnmr1]

- “Sample Reuse” MUST always be selected for ChemPack.
- CP3/CP4 has a build-in mechanism to prevent submission to a “Queued” or “Active” location.
- The time-table in this popup is NOT used by chempack.

/vnmr/adm/users/operators/automation.conf
### Automation configuration

CPpreferences => Automation => “Set Time Schedule”

An example adm/walkupadm/automation.conf

<table>
<thead>
<tr>
<th>Time Schedule for:</th>
<th>AutoRuns</th>
<th>AutoFiles</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>MaxTime per DayQ</td>
<td>Total time for ShortQ’s</td>
</tr>
<tr>
<td>Monday: 8:00AM - 6:00PM</td>
<td>Before 8:00 &amp; after 18:00</td>
<td>30min</td>
</tr>
<tr>
<td>Tuesday: 8:00AM - 6:00PM</td>
<td>Before 8:00 &amp; after 18:00</td>
<td>Unlimited</td>
</tr>
<tr>
<td>Wednesday: 8:00AM - 6:00PM</td>
<td>Before 8:00 &amp; after 18:00</td>
<td>30min</td>
</tr>
<tr>
<td>Thursday: 8:00AM - 6:00PM</td>
<td>All day</td>
<td>30min</td>
</tr>
<tr>
<td>Friday: 8:00AM - 6:00PM</td>
<td>All day</td>
<td>30min</td>
</tr>
<tr>
<td>Saturday: 8:00AM - 6:00PM</td>
<td>All day</td>
<td>30min</td>
</tr>
<tr>
<td>Sunday: 8:00AM - 6:00PM</td>
<td>All day</td>
<td>30min</td>
</tr>
</tbody>
</table>

NOTE: New autodir created automatically: Mon(8:00) Tue(8:00) Wed(8:00) Fri(8:00)

Interpretation of automation.conf by chempack is described with examples
Automation configuration

CPpreferences => Automation => “Set Time Schedule”

An example adm/walkupadm/automation.conf (variable dayQ maxtime)

Interpretation of automation.conf by chempack is described with examples
Automation Configuration

DayQ submitted on Monday at 0900 – Accepted, if less than 30 minutes total and there is enough time left before Tue 0800.

NightQ submitted on Monday at 0900 – Accepted if there is enough time between Mon 1800 and Tue 0800. The queue will be placed in nightQ (will be merged with enterQ at 1800)

DayQ submitted on Monday at 1830 – Accepted if there is enough time left before Tue 0800. The queue will be placed at the end of enterQ (behind the nightQ – already merged with enterQ at 1800)

NightQ submitted on Monday at 1830 – Accepted if there is enough time left before Tue 0800. The queue will be placed at the end of enterQ.
Automation Configuration

DayQ submitted on Tuesday at 0900 – Accepted, if there is enough time before Wed 0800.

NightQ submitted on Tuesday at 0900 – Accepted if there is enough time between Tue 1800 and Wed 0800. The queue will be placed in nightQ (will be merged with enterQ at 1800)

DayQ submitted on Tuesday at 1830 – Accepted if there is enough time left before Wed 0800. The queue will be placed at the end of enterQ (behind the nightQ – already merged with enterQ at 1800)

NightQ submitted on Tuesday at 1830 – Accepted if there is enough time left before Wed 0800. The queue will be placed at the end of enterQ.
Automation Configuration

In the automation.conf example, Wednesday is configured to have variable dayQ maxtime.

**DayQ submitted on Wednesday at 0900** – Accepted, if it is less than 20 minutes total and there is enough time before **Fri 0800**.

**DayQ submitted on Wednesday at 1100** – Accepted, if it is less than 15 minutes total and there is enough time before **Fri 0800**.

**DayQ submitted on Wednesday at 1500** – Accepted, if it is less than 30 minutes total and there is enough time before **Fri 0800**.

**NightQ submitted on Wednesday at 0900** – Accepted if there is enough time between Wed 1800 and **Fri 0800**. The queue will be placed in nightQ (will be merged with enterQ at 1800).

**DayQ submitted on Wednesday at 1830** – Accepted if there is enough time left before **Fri 0800**. The queue will be placed at the end of enterQ (behind the nightQ – already merged with enterQ at 1800).

**NightQ submitted on Wednesday at 1830** – Accepted if there is enough time left before **Fri 0800**. The queue will be placed at the end of enterQ.
Automation Configuration

DayQ submitted on Thursday anytime – Accepted, if it there is enough time before Fri 0800. The queue will be placed at the end of enterQ (behind the nightQ – already merged with enterQ on Wed 1800)

NightQ submitted on Thursday anytime – Accepted if there is enough time before Fri 0800. The queue will be placed in at the end of enterQ
Automation Configuration

DayQ submitted on Friday at 0900 – Accepted, if it is less than 30 minutes total and there is enough time before Mon 0800.

NightQ submitted on Friday at 0900 – Accepted if there is enough time between Fri 1800 and Mon 0800. The queue will be placed in nightQ (will be merged with enterQ at 1800)

DayQ submitted on Friday at 1830 – Accepted if there is enough time left before Mon 0800. The queue will be placed at the end of enterQ (behind the nightQ – already merged with enterQ at 1800)

NightQ submitted on Friday at 1830 – Accepted if there is enough time left before Mon 0800. The queue will be placed at the end of enterQ.
Automation Configuration

DayQ submitted on Saturday/Sunday anytime – Accepted, if it there is enough time before Mon 0800. The queue will be placed at the end of enterQ (behind the nightQ – already merged with enterQ on Fri 1800)

NightQ submitted on Thursday anytime – Accepted if there is enough time before Mon 0800. The queue will be placed in at the end of enterQ