For the automotive sector, Fremach produces, decorates and assembles interior parts, such as control panels for car radio, air conditioning and navigation systems, door handles, steering wheel parts and general dash board elements, with or without electronics.

### Current State Mapping and Focused TFM Training

#### Results

<table>
<thead>
<tr>
<th>Current State</th>
<th>Future State Vision</th>
<th>Savings €</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lead time 465.5 D without store entrance 37.8 D</td>
<td>Lead time 21.5 D</td>
<td>43%</td>
</tr>
<tr>
<td>WIP - Assembly 5300 pcs</td>
<td>WIP - Assembly 29 pcs</td>
<td>WIP reduction 100%</td>
</tr>
<tr>
<td>Printing 7000 pcs</td>
<td>Printing 3 300 pcs</td>
<td>Reduction 50%</td>
</tr>
<tr>
<td>Molding 18 000 pcs</td>
<td>Molding 10 500 pcs</td>
<td>Reduction 50%</td>
</tr>
<tr>
<td>Assembly - 19 operators</td>
<td>Assembly - 14 operators</td>
<td>Transport reduction 131 m (3 times per day)</td>
</tr>
<tr>
<td>Printing - transport 117 m</td>
<td>Printing - transport 30 m</td>
<td>Elimination of scrap from printing to assembly – at least 70%</td>
</tr>
<tr>
<td>4 operators</td>
<td>2.6% scrap per to assembly</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Potential from problem solving stories</td>
<td>438 000 €</td>
</tr>
<tr>
<td></td>
<td>Total</td>
<td>€438 019</td>
</tr>
<tr>
<td>Investment</td>
<td>Supplier</td>
<td>Cost €</td>
</tr>
<tr>
<td>Quality camera - total 60 000 €</td>
<td>Internal</td>
<td>50 000 €</td>
</tr>
<tr>
<td>30 000 € co-financing by Panasonic</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Modification of assembly line</td>
<td>Internal</td>
<td>7 700 €</td>
</tr>
<tr>
<td>Modification and relay of lasers</td>
<td>Internal</td>
<td>4 180 €</td>
</tr>
<tr>
<td>More frequently printing batch</td>
<td>Internal</td>
<td>6 034 €</td>
</tr>
<tr>
<td>More frequently of mold changing</td>
<td>Internal</td>
<td>3 903 €</td>
</tr>
<tr>
<td>Removal of molding</td>
<td>Internal</td>
<td>1 734 €</td>
</tr>
<tr>
<td>Training</td>
<td>Internal/external</td>
<td>1 000 €</td>
</tr>
<tr>
<td>Workshops</td>
<td>Internal</td>
<td>3 000 €</td>
</tr>
</tbody>
</table>

**Expected Nat Benefit:** 446 145 € = 11 599 770 Kč