Advanced Process Optimization
Realize the potential value of equipment through optimization
Staying competitive in business requires constant cost management, quality control and an attention to detail to proactively ensure that your production is running efficiently. Our Customer Success Management (CSM) organization provides services that increase the overall value we provide to our customers. Our new Advanced Process Optimization service helps customers to maximize the value of their production by improving the performance of their beverage (PET and Closure) systems through processing improvements. Through this service we optimize equipment reducing cycle time, minimizing scrap, improving part quality and increasing profitability.

Benefits
- Dedicated, expert team with over 150 years of combined processing experience
- Provides optimized equipment performance through sustainable, stable and repeatable processes
- Positive impact to profitability and reduced costs

Personalized Service

Our Advanced Process Optimization services begin with a Husky Process Specialist working with you remotely to gather process information. Once the information has been processed we arrange an on-site visit at your facility to physically analyze system performance and conditions while examining preform or closure quality, and determining process limitations. The ultimate goal of the service is to optimize production processes, improve cycle time and/or improve preform or closure quality. An analysis will also be performed comparing the original processes and cycle breakdowns with the optimized set-up profiles. A comprehensive report will be included at the end of the service that outlines future risks and recommendations.

The Advanced Process Optimization package is provided at set-cost based on customer requirements. The service has the capability to:
- Examine preform or closure quality to determine process limitations
- Optimization process and attempt to improve cycle time
- Optimize system sequencing and timing for efficient motion utilization
- Maintain/improve preform or closure quality
- Set-up process profile for each system
- New resin, colourant or additive trials
- Assist customer in minimizing AA Levels (preform only)
- Investigate capping line issue (beverage closure only)
On-site Processing Support Visit
Once we have arrived at your facility the Process Specialist will analyze system performance. During this time the Process Specialist will bring to the customer the benefits of advanced know-how, sustainable, stable, and repeatable process, and optimal equipment performance by optimize process and attempt to improve cycle time and/or preform quality improvement.

The process optimizations will be performed while the systems are in production. This may require close attention to quality at times when process changes are made to ensure that current quality control standards are maintained or improved.

“Husky’s processing expert was instrumental in resolving processing issues and optimizing PET systems. He recently helped us to optimize the self-cleaning process on two systems running a challenging preform. This helped us reduce downtime and operational costs.”

Bill Hospodar, Engineering Services Manager
Injection Molding, Southeastern Container, Inc.

Advanced Process Optimization Case Study
2 days on-site process optimization investment: 10,000 USD*

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<thead>
<tr>
<th>Application</th>
<th>Up to 11.8M preforms/year</th>
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<tr>
<td>CSD, Part Weight 19.5g</td>
<td>Output again</td>
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| Initial cycle time (before optimization) | < 1.8 month payback @$300/ton gross margin |
| 11.0 s | |

| Cycle time (after process optimization) | < 2.1 months payback @$250/ton gross margin |
| 10.5 s | |

→ 0.5 s gain

*Budgetary price: detailed quotation will be provided upon request