

# ASW Global Key Performance Indicators Solutions and Results

Picking Accuracy	<ul style="list-style-type: none"> <li>Facility layout optimization</li> <li>Labor analysis management</li> <li>Work flow modeling</li> </ul>	<ul style="list-style-type: none"> <li>Increased order fulfilment pick accuracy from 95% to 99.90%. Improved case pick operation from 99.971% to 99.996%</li> </ul>
Shipping Accuracy	<ul style="list-style-type: none"> <li>Facility modeling</li> <li>Layout optimization</li> <li>Standard work flow processing</li> </ul>	<ul style="list-style-type: none"> <li>Improved shipping accuracy to achieve a 99.9997% performance level. Improved shipping error rate from 1.3797 cases per million to 0.1992 cases per million.</li> </ul>
Receiving Accuracy	<ul style="list-style-type: none"> <li>Work flow modeling</li> <li>Best practice implementation</li> <li>Value stream mapping</li> <li>Transportation modeling</li> </ul>	<ul style="list-style-type: none"> <li>Improved receiving accuracy by 76.71% now @ 4.49 errors per million cases.</li> </ul>
Facility Optimization	<ul style="list-style-type: none"> <li>Layout optimization</li> <li>Factory flow analysis</li> <li>Right sizing inventory</li> <li>Lean principles planning</li> </ul>	<ul style="list-style-type: none"> <li>Average space reduction 30% to 50%.</li> </ul>
Productivity	<ul style="list-style-type: none"> <li>Layout optimization</li> <li>Factory flow analysis</li> <li>Labor Mgmt modeling</li> <li>Lean principles planning</li> <li>Engineered work standards</li> </ul>	<ul style="list-style-type: none"> <li>1)Year over Year labor management improvement of 13.6%.</li> <li>2) Improved overall employee productivity by 25%.</li> </ul>
Cube	<ul style="list-style-type: none"> <li>Network analysis</li> <li>Static &amp; Physical simulations</li> <li>Trailer layout</li> <li>Trailer space utilization planning</li> </ul>	<ul style="list-style-type: none"> <li>Improved trailer utilization by 8.7%, saving the client \$619,500 in transportation cost.</li> </ul>
Inventory Visibility	<ul style="list-style-type: none"> <li>Network analysis</li> <li>Layout planning and simulations</li> <li>Rightsizing the network</li> </ul>	<ul style="list-style-type: none"> <li>Improved clients inventory accuracy from 82% to 99.998%</li> </ul>
Inventory Turns	<ul style="list-style-type: none"> <li>Network Optimization</li> <li>Layout analysis</li> <li>Work flow planning</li> <li>Value stream mapping</li> </ul>	<ul style="list-style-type: none"> <li>1) Improved client inventory turns from 1.45 to 26.</li> <li>2) Reduced in plant travel distance by 41.05%.</li> <li>3) Increased inventory velocity by 95.77%</li> </ul>
Damage	<ul style="list-style-type: none"> <li>Root cause analysis</li> <li>Layout restructuring</li> <li>Process re-engineering</li> </ul>	<ul style="list-style-type: none"> <li>Reduced a client's damages as a percent to sales from .0060% to .0005%</li> </ul>

\* Denotes "Best In Class" Performance Measurement against other 3PLs.