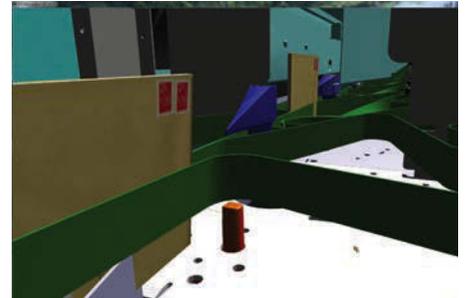
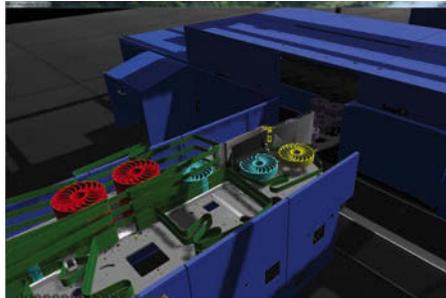


# VIRTUALLY SEAMLESS

Virtual simulations enable postal operators to play out system upgrades and scenarios without interrupting productivity



Solystic's SOSi solution provides users with a 3D visualization tool that enables the testing of multiple component upgrades while simulating real-life results and behavior. Operators can then use these results to create a functioning solution in a short time frame

As the needs of the postal industry evolve, so does the complexity of systems and their interaction with equipment. Postal operators understand that along with each equipment or system upgrade comes the potential for unintended repercussions that can be quite costly. However, Solystic has proved that there are considerable cost and time savings to be made by planning and testing within a high-definition virtual-reality environment.

Solystic's SOSi simulation software offers reliable results for testing and analysis on a multitude of parameters, providing great savings when the need arises to install new – or upgrade existing – equipment.

Imagine a seamless transition between virtual and physical worlds. Solystic has worked continuously to enrich SOSi, making it an instrumental necessity in today's complex postal industry. Users now benefit from a highly dynamic real-time environment with greater visibility, graphics, and true-to-life scenarios. It offers a clear picture for how desired systems and equipment will interact based on a broad number of factors.

By composing a new system or equipment design with virtual simulation, users are given an accurate vision of the behavior between people, machines and systems. Having this in-depth understanding of each chain of events and their reactions saves time and effort, and reduces costs.

The increased complexity of sorting centers has led to greater interconnectivity between the systems and equipment required to support and operate them. This gives rise to a form of chain reaction with any slight modification. As each system interacts closely with another, careful testing and analysis is required to understand what impact a modification will have on the various elements.

The center's database, equipment software, optical character recognition and the overall IT system are just some of the elements that could be affected. A virtual environment examines the potential cause and effect of each associated element without sacrificing real productivity. By being able to explore numerous scenarios, SOSi ensures that the physical roll-out will occur smoothly.

SOSi's enhancement incorporates high-definition graphics and offers a realistic demonstration of not only the digital aspects, such as sort plans, but the mechanical machine aspects as well. Users can visualize how a number of objects, from batches of envelopes and flats up to small parcels, are processed under the specified conditions. The behavior of these objects precisely replicates real-life behavior in terms of flexibility, bending and rigidity, giving a clear idea of how their process will unfold under a number of scenarios. It is easy to modify each scenario to fit specific needs and then carefully examine the

results played out virtually on the equipment. Once the modifications are stored, the simulation automatically detects potential glitches while validating the appropriate plans.

There is no limit to the number of tests or duration of test time, which boosts detection accuracy for potential miscalculations. In the event of a miscalculation, users are given a visual explanation as to why and how the plan is erroneous. Once the optimal solution tests with accuracy, the system validates the plan. The ability to carry out such extensive testing in advance substantially reduces the time it takes to implement the end solution.

The capabilities of SOSi have been enlarged as part of a global system that addresses future projections and ensures Solystic customers can transition into better solutions faster and more economically. As postal systems increase in complexity, the sophistication of the concepts behind the solutions must follow.

SOSi ensures users avoid developing futile solutions and helps them to get their final product up and running with unparalleled speed and accuracy.

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