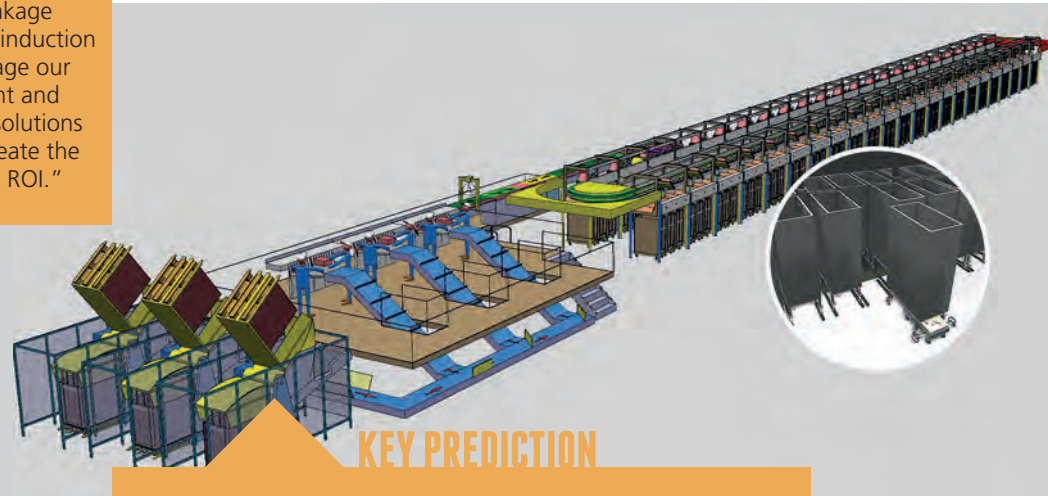


KEY PREDICTION

Kim Karvonen, director of sales – Americas, QubeVu

“Future sorting center technologies will include solutions for data capture at the induction point, allowing for better load planning for transporting, and a more efficient sorting and distribution process. Furthermore, dimensional data capture will enable operators to minimize revenue leakage caused by incorrectly declared dimensions at induction point. For QubeVu, we will continue to leverage our long experience, coupled with business insight and engineering expertise, to provide real-world solutions in this area that remove lifecycle costs and create the lowest total cost of ownership, yielding great ROI.”



RIGHT: The Compact Slide Tray sorting system was unveiled in 2019

KEY PREDICTION

Maurizio Puppo, director of strategy and business development, Solystic

“I believe that mobile robotics will link all the different areas of the sorting center. Improved route optimization using big data and AI will require flexibility in the daily sorting processes. I also agree with a statement made in a recent IBM/DHL report that we will have ‘intelligent logistics assets that augment human capabilities’.

“In terms of what posts should be investing in now, I believe scalable assets, such as robots, are important to cope with the volatility of volumes. In the short term, they also should invest in tools for VAT and customs clearance because of the new EU regulations that will be applied from January 1, 2021.”



SOLUTION: SORTING FACTORIES

Company: Solystic

According to Maurizio Puppo, director of strategy and business development at Solystic, the company’s key focus at the moment is developing a “blend of sorting equipment, mobile robotics for container handling and IT supervision tools”, as part of what the organization calls ‘sorting factories’.

“We develop ad-hoc solutions for a whole range of postal products, from letters and flats, to e-commerce products and large parcels – from a few grams up to 30kg [66 lb] or more,” explains Puppo. “We have recently developed a new sorter especially for B2C products called the Compact Slide Tray [CST] and a new robotics solution called Soly.”

Solystic has been investing in mobile robotics since 2015, and throughout 2018 and 2019 the company received 700 orders for the Soly solution. Meanwhile, the CST sorter was unveiled to the market in 2019. According to Puppo, “If you combine equipment and robotics, operators can sort up to one million products per day in a single center in an area of around 20,000m² [215,000ft²].”

Solystic’s products have been delivered to major posts around the world and in 2020 the company will deliver a complete sorting factory for B2C products in an important European country.

“Our sorting factories aim to prepare products ready for delivery with no need for further manual operations, and to automate container handling,” explains Puppo.

For further solution development, Solystic plans to cooperate with its customers to develop solutions that meet their exact needs. “We are also investing in simulation and modeling technology – what we call SOSi. We can design sorting centers together with our clients and visualize them using visual and dynamic models. This is our path to the future: the digital factory as a way to change the real factory,” Puppo concludes.