

Reduce logistics data entry costs by over 50% with Smart Coding as a service

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Data entry of address or customs information used to be a headache for postal and e-commerce companies, but Prime Vision's new Smart Coding as a service (SCaaS) promises to change this. Available via a monthly subscription model that improves data quality, reduces costs and eliminates the inconvenience of an in-house approach, SCaaS helps sorting centres to immediately raise coding performance.

Cracking the code for data entry

In high-volume sorting operations, there are always items that can't be immediately processed. When address or customs information is incomplete or can't be read by automated systems, data entry is often required to ensure these packages reach the right destination. However, for many businesses, hosting a platform, employing dedicated coders and expanding the IT department to achieve this is prohibitively expensive.

SCaaS from Prime Vision provides an attractive alternative. Cameras take images of letters on mail sorters or packages on conveyors. If a no read occurs, pictures of problematic items are first assessed by its brilliant Vision artificial intelligence (AI) which harnesses large language models (LLMs) to complete any missing information.

If this is unsuccessful, pictures are forwarded to an offshore team of coders that quickly carries out data entry at low cost, offering 10 to 20 second response times

for individual items or an agreed turnaround on batches. Coders are assisted by embedded algorithms in the Smart Coding graphical user interface (GUI) that provide suggested addresses or additional information. Once entry is complete, the package has the right address or customs data ready for the next stage of sorting and eventual delivery.

Less hassle, more value

Instead of expecting customers to handle data entry, maintain servers and rely on their own staff – Prime Vision handles the entire process for a small monthly fee based on volume. Designed to support sorting operations handling 1000 to 10,000,000 items per day, SCaaS eliminates the high capital expenditure (CAPEX) and operating expenditure (OPEX) of conducting data entry in-house, benefitting businesses of all sizes. In fact, users can expect a 50 to 60% cost reduction by harnessing SCaaS compared to other solutions.

Each customer is assigned a dedicated virtual private network (VPN) hosted on the cloud by Prime Vision. Once established, image data from vision systems on-site can be immediately transferred to the Vision AI and human coders, ensuring fast and easy deployment. Customers then take advantage of flexible capacity, easily scaling coding up or down to cost-effectively accommodate periods of high and low demand.

Raise coding performance cost-effectively

Coding performance is transparently shared via monitoring and reporting tools. Users can see the volume of items coded, data quality, reasons for no reads and other parameters. Every system operates to key performance indicators (KPIs) agreed with each customer, with Prime Vision continually collaborating to assess quality and make changes as required.

While outsourcing data entry is nothing new, combining this support with state-of-the-art Vision AI is. This combination improves data quality and response times,

while ensuring that human intervention is only required when strictly necessary. Considering its monthly subscription model as well, SCaaS provides a unique package to mail and e-commerce sorting centres dealing with address no reads, returned items or deliveries overseas, quickly adding value as well as new capabilities to day-to-day operations.

More from Prime Vision: <https://primevision.com/reduce-logistics-data-entry-costs-by-over-50-with-smart-coding-as-a-service/>

Image captions:

Image 1: Coders are assisted by embedded algorithms in the Smart Coding graphical user interface (GUI) that provide suggested addresses or additional information. (shutterstock_2212441473)



Image 2: When address or customs information is incomplete or can't be read by automated systems, data entry is often required to ensure these packages reach the right destination.

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About Prime Vision

Prime Vision is a global leader in computer vision integration and robotics for logistics and e-commerce. As an award-winning company, Prime Vision designs and integrates solutions using the latest recognition, identification, and robotics techniques to optimize the automation of sorting processes.

Headquartered in Delft, The Netherlands, more than 170 experts provide comprehensive market and domain knowledge to digital companies around the world.

For more information, visit <https://primevision.com/>

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