

# Any Printer Any Device Anywhere

Printer routing is one of the most underestimated parts of D365 label printing. In a small operation, static printer assignment may seem acceptable. One printer, one area, and one label type can work for a while. But as the business adds warehouses, production lines, packing stations, mobile devices, and remote sites, static printer routing becomes fragile.

A label should print where the work is happening. Receiving labels should print near receiving. Production labels should print near the correct line. Packing labels should print at the correct station. Shipping labels should print in the right outbound zone. If labels print in the wrong place, workers walk more, reprints increase, congestion builds, and shipping or production flow slows down.

The book explains that printer resolution should be contextual rather than rigid. In enterprise environments, printer assignment may depend on physical warehouse zone, user role, work class, device type, legal entity, workstation, or site. Static mappings become brittle when warehouses expand, devices move, production lines change, or temporary overflow areas are activated.

Any Printer Any Device Anywhere should not mean uncontrolled printing. It should mean controlled flexibility. The system should be able to route the correct label to the correct output destination based on business context.

Print Envoy supports this by using rule-based printer routing. The same D365 transaction can evaluate where the user is working, what type of label is required, which workflow triggered the print, and which printer group or device should receive the job. This helps reduce manual printer selection and makes print output more predictable.

At enterprise scale, printing is a distributed system. Labels must be generated at the right time, at the right location, on the right device, under peak load conditions. That requires more than a printer list. It requires an infrastructure strategy that balances centralized control with distributed execution.