Building materials and the cost of operator-caused coding errors

↑ 70% of coding errors can be attributed to operator error

The right code matters...
and when missed, coding errors can be quite costly.

In a customer survey, we found that the most common production and packaging code-related mistakes are data entry errors and incorrect job selection.
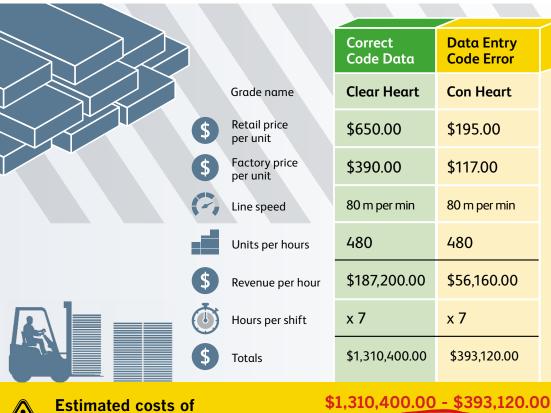
One error. One wrong code.
917,280 reasons to care about code accuracy.
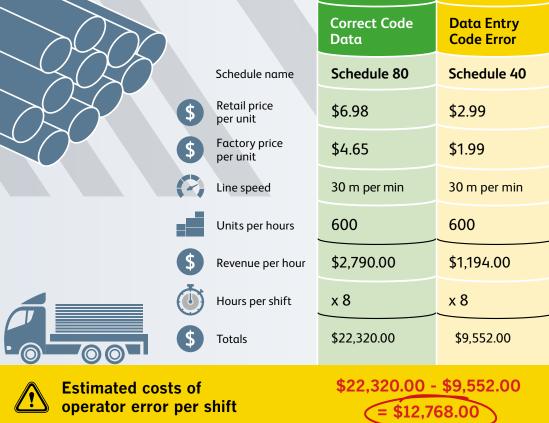
Imagine this $917,280.00 mistake

6' x 10' Redwood Timber

A coding error can steal producers' profits. With a simple misgrade of a higher-end product to a lower-end one, producers lose revenue by selling a premium product at the less-than premium price.

	Correct Code Data	Data Entry Code Error
Grade name	Clear Heart	Con Heart
Retail price per unit	$650.00	$195.00
Factory price per unit	$390.00	$117.00
Line speed	80 m per min	80 m per min
Units per hours	480	480
Revenue per hour	$187,200.00	$56,160.00
Hours per shift	x 7	x 7
Totals	$1,310,400.00	$393,120.00

Estimated costs of operator error per shift
$1,310,400.00 - $393,120.00
= $917,280.00

Another potential costly mistake

	Correct Code Data	Data Entry Code Error
Schedule name	Schedule 80	Schedule 40
Retail price per unit	$6.98	$2.99
Factory price per unit	$4.65	$1.99
Line speed	30 m per min	30 m per min
Units per hours	600	600
Revenue per hour	$2,790.00	$1,194.00
Hours per shift	x 8	x 8
Totals	$22,320.00	$9,552.00

1" x 10' PVC Conduit

Whether large or small, coding errors can really add up and lead to scrap, especially with materials that aren't easily recoded, that is, if they can be recoded at all.

Estimated costs of operator error per shift
$22,320.00 - $9,552.00
= $12,768.00

Videojet Code Assurance solutions
Safeguarding against coding errors

Videojet offers solutions with rules-based software, bar code readers, and network communications to virtually eliminate data entry errors.

Videojet printers are engineered for uptime, including features that minimize maintenance and operator intervention, and they are supported by one of the largest service networks in the industry.

Videojet coding technologies for building material applications

Printing application	Laser	Thermal Ink Jet	Continuous Ink Jet	Thermal Transfer Overprinters	Label Print and Apply	Large Character Marking
Bags		✔	✔			✔
Wood products and tile		✔	✔			✔
Extrusions	✔		✔			
Flexible packages			✔	✔		
Rigid packages	✔		✔			
Cardboard	✔	✔			✔	✔

Looking to avoid costly coding mistakes? Contact Videojet.

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