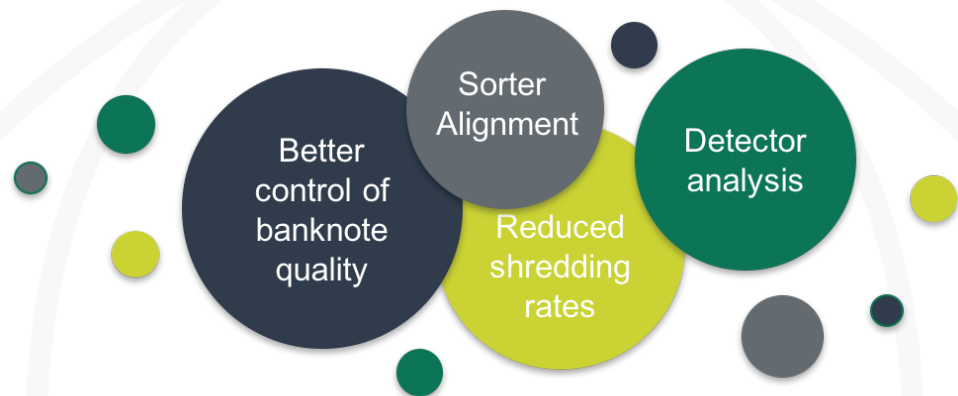


Sorter Measurement Systems Analysis

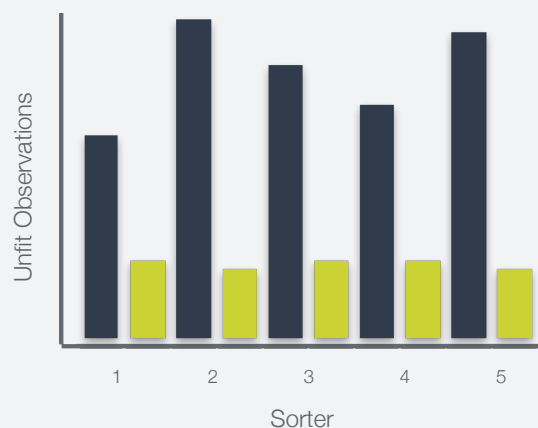


The Challenge

As the manager of a complex cash cycle, you don't want to waste money. If your banknote sorters are not correctly calibrated you may be replacing more notes in your cash cycle than you actually need to. If you have concerns about your level of reject or unfit rates, then DLR AnalyticsTM will be able to help you identify the reasons for rejection.

The Solution

Utilising robust statistical processes allows the DLR Analytics team to identify if there are any sources of error in your sorter measurement systems. This statistical approach provides a unique assessment of your data.

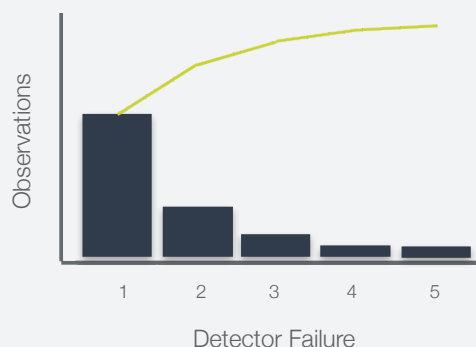


For example, one customer used DLR Analytics to check the alignment between their cash centre sorters. The graph illustrates unfit observations from different cash centre sorters (dark blue) and the DLR Analytics calibrated sorter (green) which shows the cash centres are not aligned and all the sorters are destroying more notes than necessary.



DeLaRue

DLR Analytics can also be used to provide insights into which factors are causing an unfit categorisation. For example, you will be able to understand how many reasons for failure your sorters have identified and then our deep dive analysis will clarify the main failure modes. This will provide you with data to review detectors and calibration schedules.



The cost of a poor performing sensor is estimated at €4,000 more per million sorted banknotes than the best performing sensor

Colour of Soil, T. Buitelaar, DNB Cash Seminar 2008



The Impact

The understanding you receive from the in-depth cash cycle statistics used by the DLR Analytics team will help you to optimise your sorters and detectors.

You will be confident that your sorters are performing well and that you will be able to make informed decisions from the data they are collecting.

Want to know more? Get in touch with the team to discuss how DLR Analytics™ can help you email DLRAnalytics@delarue.com or call Doug Brooks on +44 (0)7471 216 131

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De La Rue International Limited De La Rue House, Jays Close, Viables, Basingstoke, Hampshire, RG22 4BS

www.delarue.com

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