De La Rue is a leading provider of sophisticated products and services that keep nations, their economies and their populations secure. At the forefront of identity management and security, De La Rue is a trusted partner of governments, central banks and commercial organisations around the globe.

De La Rue is listed on the London Stock Exchange (LON: DLAR).

If you would like to find out more, please email identity@uk.delarue.com or visit www.delarue.com.
De La Rue’s Shaped Antenna has been developed as a fully comprehensive technical solution:

- Complies with ICAO 9303 and ISO 14443 standards
- Compatible with industry standard chip readers and encoders
- Compatible with industry eGate solutions
- Inlay structure is 100% polycarbonate
- Chip connectivity uses inductive coupling method
- Supports both NXP and Infineon security chips

One of the most important attributes of an ePassport is the secure integration of its chip and antenna. De La Rue’s Shaped Antenna adds an extra layer of security for polycarbonate bio-data page documents thanks to the unique ability of being able to design and apply the antenna and chip into different layouts within the page itself.

The inlay structure for the Shaped Antenna is incredibly thin – Between 200–250µm. This allows full flexibility and for thinner designs of the polycarbonate bio-data page where required.

The visible presence of the antenna and chip in the polycarbonate page clearly demonstrates the document as having ePassport functionality. Alternatively, the antenna can be hidden inside the polycarbonate structure but is still visible in transmission to provide an effect similar to that achieved by watermarking.

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