

# PROTEROS DATASYSTEMS

Authorisation and clearing  
transaction transformations

# Executive Summary

Mastercard's global authorisation migration, which includes UK Maestro, is due to complete in June 2009. UK Maestro itself will be around until 2011, when Mastercard hopes to eventually switch off the Regional Clearing Management System (RCMS) altogether. Until then, anyone operating in the UK must be able to process UK Maestro transactions.

Proteros Data Systems has designed and developed a patent-pending authorisation and clearing system that can bridge between various MasterCard message formats and between MasterCard and VISA message formats. This system offers a solution that facilitates both acquirers and issuers to migrate; e.g. from UK Maestro via GCMS to Debit MasterCard or between Visa and MasterCard products.

We believe this system offers a solution that would reduce the amount of effort required to migrate between MasterCard products or between MasterCard and Visa products providing savings in money and time and yielding a better return on investment compared to other migration methodologies.

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# UK Maestro Timeline

2005	2005	2007	2008	2009	2011
Migration of Switch to UK Maestro completes	Proteros formed. Work on UK Maestro system commences	Mastercard global authorisation migration commences	Proteros launches Synthesis™ bridging software	Mastercard global authorisation migration completes	Mastercard UK Maestro migration completes

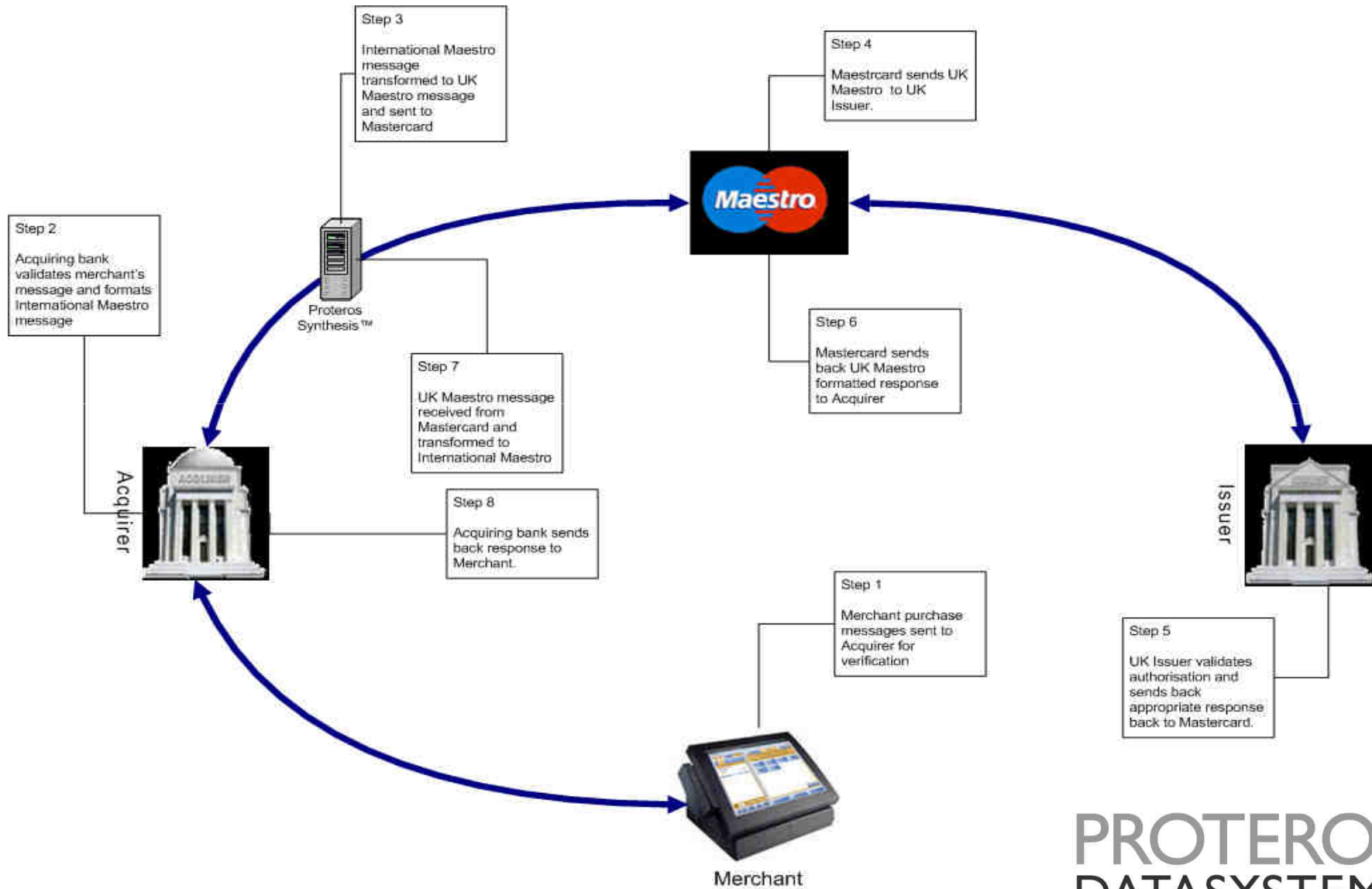
## Mastercard

- Migration of the UK Switch debit scheme to UK Maestro completed in 2005.
- Mastercard embarks on a global authorisation migration strategy in 2007 to standardise authorisation network infrastructure across all MasterCard products.
- UK Maestro to be fully migrated to International Maestro by 2011.

## Proteros Data Systems Ltd.

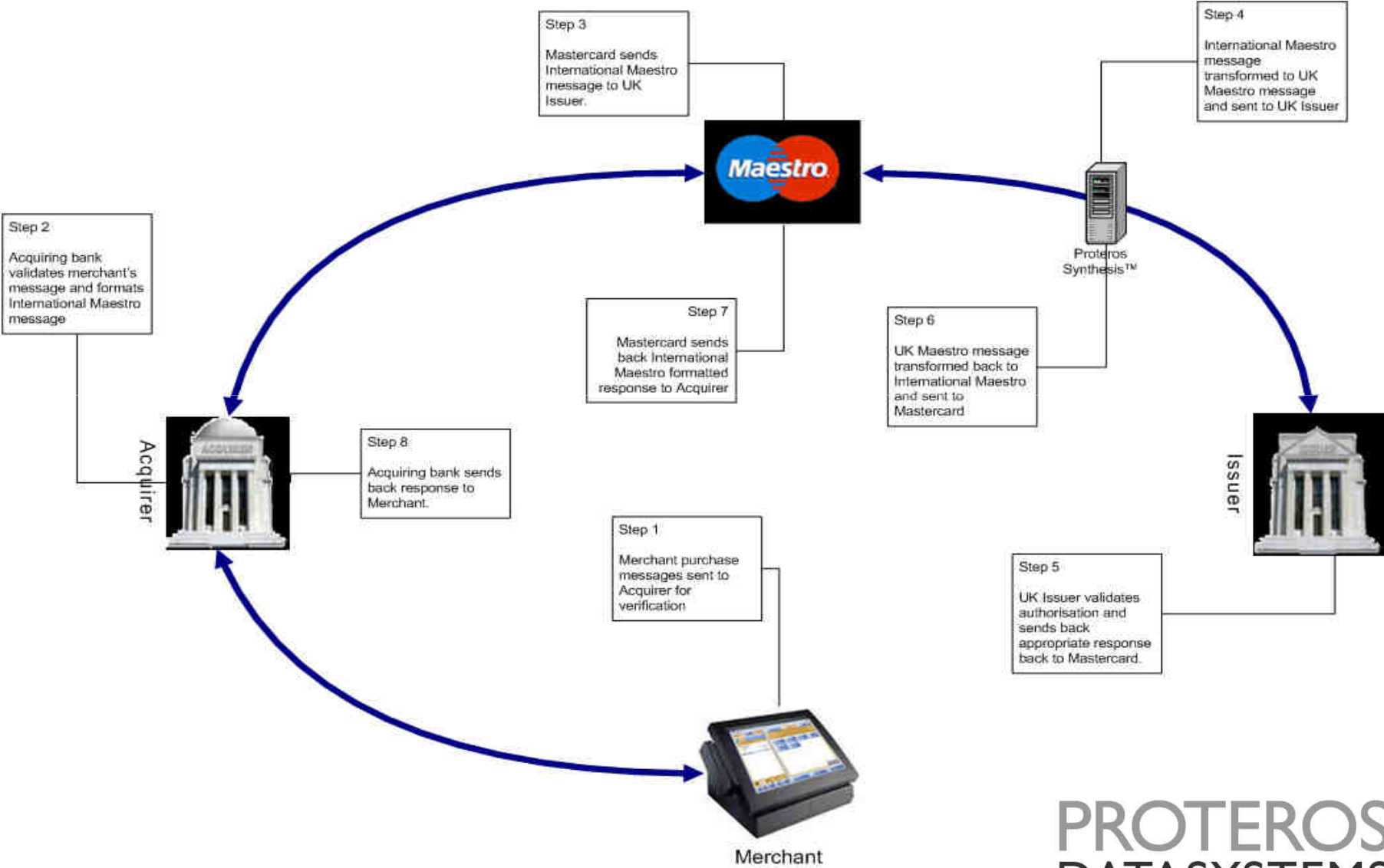
- Proteros completes development of Synthesis™ in 2008, a software suite that helps address the challenges posed by the global migration and the bi-annual scheme updates.

# UK Maestro Acquirer



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# UK Maestro Issuer



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