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Elettra - Trieste

More Credit (cards) for DIPAC 2007

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On-line payments in SPMS

- Bank transfer and cash is well known
- “Legacy” SPMS credit card treatment not good
- PayPal not an option for us
 - Italian (European?) PayPal legal agreements not as good as in US
 - Not a Sincrotrone Trieste policy
 - PayPal is very easy to setup and use

Direct credit card processing

- You need:
 - a service company between you and your bank
 - read a lot of documentation from them
 - set up a “smart” portal to dialog with the Payment Gateway
 - spend a lot of time testing

Why is it more complicated?

- Verbose handshaking required
 - for security reasons
 - to keep more info on the transaction
- 1st step: Payment Init
- 2nd step: Payment Request
 - Authorization
 - Credit card debiting
- 3rd step: Receipt

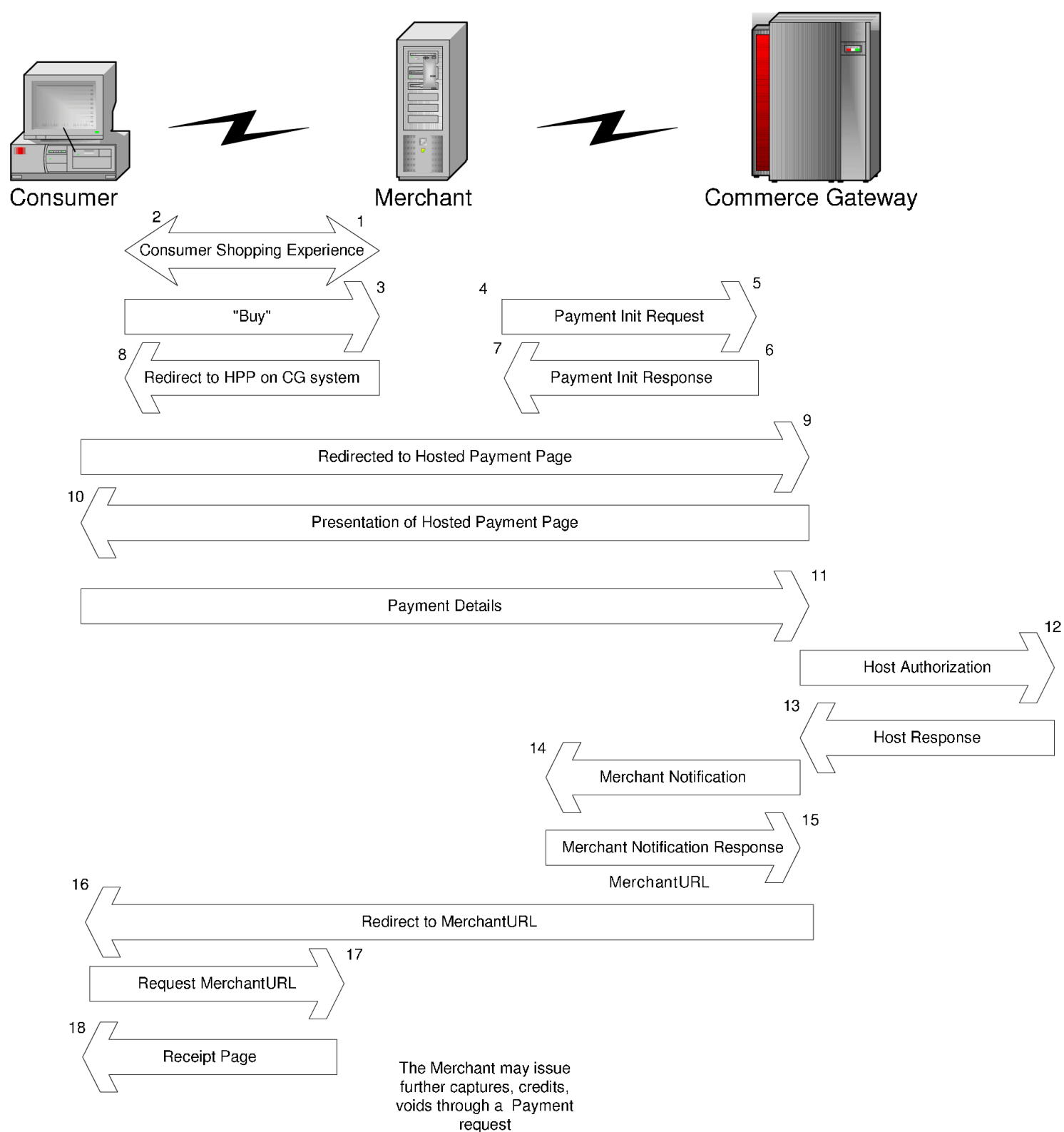
Details

Payment
Init

Payment
request

Validation

Receipt



Technology behind

- External PHP scripts
 - to bridge the SPMS with Payment Gateway
 - based on examples furnished by the PG
 - tricky SPMS parameters setup
 - Matt's guidance needed
 - to be (well) documented soon

Conclusions

- Heterogeneous plug-ins are spreading
 - File upload/download
 - Post conference proceedings
 - Credit card development
- Not that hard to do
- (Structured) experience needs to be shared