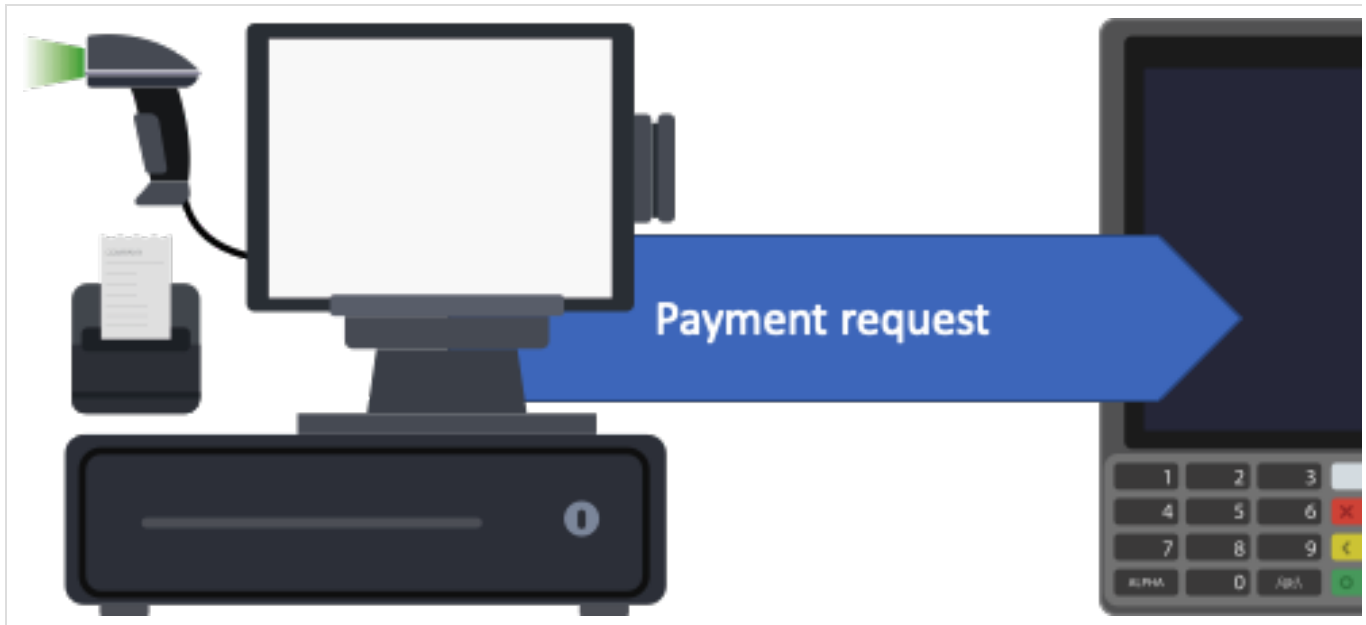


Local integrations

With a local integration we mean a traditional setup where you connect the Electronic Cash Register (ECR) or POS to the Payment terminal via a physical connection. This could be via cable like with ethernet, USB and Serial RS232, or wirelessly via WiFi and Bluetooth as long as the two can talk to each other without the need for external access.



- Support for offline mode
- Supports multiple communication interfaces *
- Often requires handling of multiple scenarios for; terminal connection, terminal login, payment transaction, etc.

*Available communication method is currently Ethernet.

Feature comparison

Classic:	Only supports EPAS
Carbon:	Support both EPAS and Nexo

	EPAS	Nexo	<i>required</i>
Socket connection	✓	✓	Y
Keep alive	✓	✓	N
Host logon	✓	✓	Y
Admin functions			-

EPAS

What is EPAS?

NEXO

What is NEXO?

• Extract logs			
• Update parameters			
Purchase			-
Refund			-
Cancellation			-
Pre-Auth			-
Cash advance			-
Reversed Acquiring			-
DCC			-

EPAS (Electronic Protocols Application Software) is a non-commercial cooperation between 24 organizations within the payment industry. One of its goals is to ensure the interoperability of protocols at a European level between ECR applications and payment terminals.

How does it work?

The EPAS protocol is one method of controlling a payment terminal from an Electronic Cash Register (ECR). The messages sent from the ECR to the payment terminal is sent in XML over a TCP/IP socket.

nexo standards enables fast, interoperable and borderless payments acceptance by standardising the exchange of payment acceptance data between merchants, acquirers, payment service providers and other payment stakeholders. nexo's messaging protocols and specifications adhere to ISO20022 standards, are universally applicable and are freely available globally.

How does it work?



The interface between the payment application and the ECR provides a range of functionality including:

- ECR Logging in

The nexo retailer protocol is one method of controlling a payment terminal from an Electronic Cash Register (ECR). The messages sent between the ECR and the payment terminal is in XML-format over a TCP/IP socket.



- Starting a transaction

The interface between the payment application and the ECR provides a range of functionality including:

- ECR Logging

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In an EPAS integration on all transactions is initiated by the operator of the ECR, performed by the payment terminal and completed by the Customer. Example:

1. The ECR Operator selects

- Performing a deterministic function

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Getting started

To get started with an EPAS integration project you should have a Westpa y terminal and our EPAS ECR simulator software . You will also need three pieces of informati on for the simluato r to work:

- The

- I n c l u d e s a l l o p e r a t i o n s f o r m t h e p r e d e c e s s o r E P A S .

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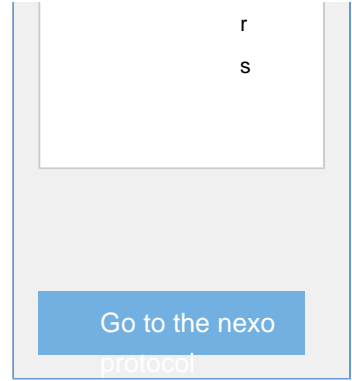
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Use these three pieces of information in the ECR simulator's login details and you should be able to run transactions easily and quickly.

Go to the
EPAS protocol