SEQR

Certification procedure
Point of sale and terminal

Prerequisites

Before the certification meeting with SEQR Integrations, do the following:

- Send us your process description on how to get started with SEQR for the merchants via your solution, describing the procedure for activating the point of sale and connecting it to SEQR. Include also screenshots showing how the setup looks for the points of sale.
- Verify that your terminal is deregistered.
- Set **clientId** and **clientReference** as below to make it easier and faster for us to find your calls.

```
<clientId>Company Name</clientId>

<clientReference>POS Name and version</clientReference>
```

Certification procedure

We will ask you to start by registering your point of sale/terminal and ending by deregistering it, following the procedure described in this table. We will check that your system can perform the requests and parameters as stated (upon your actions), with minor variations.

Test	Requests and parameters to be tested	Integrator action
1	registerTerminal	1. Register a terminal/point of sale using the RESELLERUSER type, using the userId / password provided by SEQR and set the terminal password for future transactions.
2	assignSeqrId • clientReference • clientReferenceTimeout (set to 0)	1. Assign a SEQR ID to the created terminal using the terminal ID provided in Test 1 and the SEQR ID provided by SEQR.
3	sendInvoice • invoiceRow (can contain multiple invoice rows)	1. Send an invoice with at least the required data in invoiceRow: itemQuantity and itemTotalAmount.

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4	getPaymentStatus	1. Send a getPaymentStatus to check the status on the prior sendInvoice without scanning the QR assigned to the Terminal ID. 2. Scan the QR code assigned to the terminal. 3. Send the getPaymentStatus to check the status on the prior sendInvoice. 4. Repeat sendInvoice. 5. Wait 30 seconds. 6. Send getPaymentStatus with the previous received invoiceReference.
5	submitPaymentReceipt	1. Send submitPaymentReceipt after getPaymentStatus has returned "PAID". The call can be sent without content or with a HTML/XML formatted receipt encoded in Base64. We don't have any template for the receiptData-field at the moment. Set the mimeType to HTML or XML or Base64 depending on what you are sending. Perferred mimeType is Base64.
6	cancelInvoice	1. Repeat sendInvoice. 2. Send getPaymentStatus. 3. Send cancelInvoice.
7	refundPayment	1. Repeat sendInvoice. 2. Send getPaymentStatus. 3. Scan QR code. 4. Send getPaymentStatus with the previous received invoiceReference. 5. Send refundPayment.
8	markTransactionPeriod	1. Send markTransactionPeriod when closing the cash register. Used in conjunction with executeReport and to allow SEQR support to create reports for troubleshooting or statistics for the Sales personnel or merchant.
9	unregisterTerminal	1. Unregister a terminal using the RESELLERUSER type, using the userId / password provided by SEQR and set the terminal password for future transactions

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