

**Oracle® Retail MICROS Stores2**  
Functional Document  
Stores2 for Portugal – Disaster Recovery  
Release 1.39.4

March 2018



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## Table of contents

Introduction .....	1
General settings .....	1
Disaster recovery procedure.....	1
System crash sample.....	1
System restore .....	1
Stores2 .....	2
Activation of disaster recovery mode .....	2
Recovery of transactions.....	3
Deactivation of disaster recovery mode .....	5
Numeration of transactions .....	5



**Note:** The rebranding for the latest version of this documentation set is in development as part of post MICROS acquisition activities. References to former MICROS product names may exist throughout this existing documentation set.

## Introduction

The procedure of replication of data (for example, sales) from Stores2 in the shop to Stores2 in the headquarters is usually run a few times a day.

That means that in case of a system crash (such as hard disk breakage in the computer of the shop), it is possible to lose some data, which needs to be reinserted from users.

This document describes the recovery procedure of transactions implemented in Stores2 that users and system administrators shall adopt in case of a system crash in Portuguese shops.

## General settings

The base version of Stores2 has to be equal to or greater than 1.39.4.

The shop has to be set up as a Portuguese shop, as described in the STORES2 PORTUGAL - GENERAL SETTINGS document. There are no additional settings.

## Disaster recovery procedure

### System crash sample

Today until now, 5 simplified invoices, 2 invoices, and 1 credit note have been issued. Data has not been transmitted to the headquarters.

Suddenly, the pc shows a system error and shuts down. The hard disk is broken and data lost; the last remote data backup was done yesterday evening.

### System restore

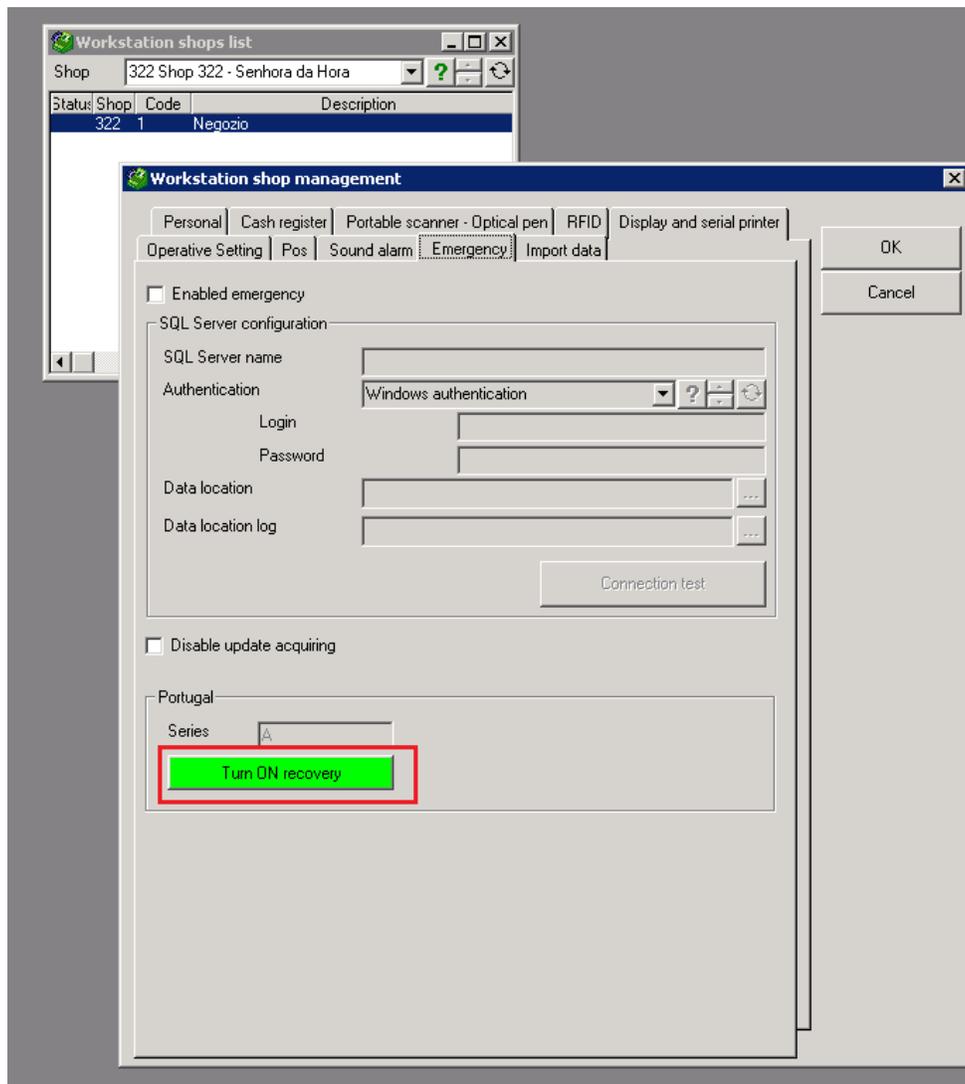
After the disk substitution, system restore and data restore (only data backed up the previous evening) from the IT department, the computer can be used from shop users.

## Disaster recovery procedure

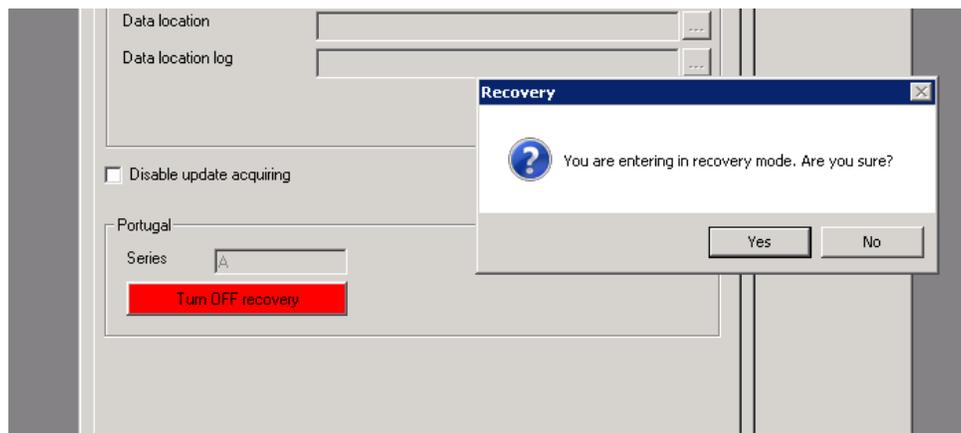
### Stores2

#### Activation of disaster recovery mode

The procedure can be activated only with administrative privileges, from IT users or system administrators, in the workstation properties.



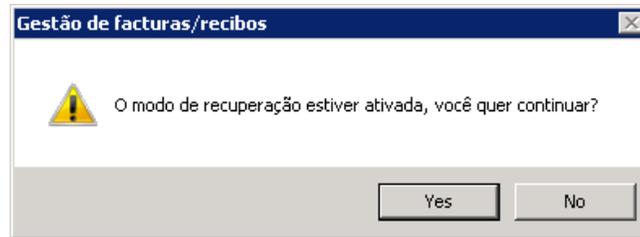
After selection of the “Turn ON recovery” button and “OK”, the program will ask for a confirmation.



After the confirmation and until the end of the recovery mode, users will be allowed only to insert recovery invoices (fatura, fatura simplificada, and nota de credito).

### Recovery of transactions

Entering in tickets management, Stores2 alerts the user about the recovery turned on:



After the confirmation, the program will show the next numeration for each kind of document, as usually done in Portuguese shop (all recovery documents have "R" as the first character and have a specific recovery numeration):



In receipt management, Stores2 highlights to the user that the recovery mode is activated.

## Disaster recovery procedure

**Gestão de facturas/recibos**

Loja: 322 Shop 322 - Senhora da Hora

Caixa registadora: E00 Stampante Generica Epson Fiscal: Sim

Caixa: GEN Federico

Número: Data: 5/9/2017

**RECOVERY MODE**

Cliente: Loja: Código: Fidelidade: Validade: Parâmetros: Taglia, Professione, Titolo di Studio, Rivista, COMUNIC. INTERNE

Del.	Cód.Prod.	Variante	Variante Desc.	Tamanho	Descrição	Qtde	Bruto unitário	Unidade gratuita.	Linha gratuita.	Tipo	Vendedor
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Código de barras: Total: **0.00**

F9 Devolução ou venda Venda F7 Stocks ESC Anula F2 Vendedor F3 Abertura caixa F6 Procura produto F12 Gaveta

**Resumo de facturas/recibos**

Artigos	0.00
Total bruto	0.00
Descontos de linha	0.00
Líquido em mercadoria	0.00
Total líquido	0.00
Desconto total	0.00

The user can insert data as usual, until the end, when Stores2 will ask for required data about the original transaction.

**Gestão de facturas/recibos**

Loja: 322 Shop 322 - Senhora da Hora

Caixa registadora: E00 Stampante Generica Epson Fiscal: Sim

Caixa: GEN Federico

Número: Data: 5/9/2017

**RECOVERY MODE**

Cliente: Loja: Código: Fidelidade: Validade: Parâmetros: Taglia, Professione, Titolo di Studio, Rivista, COMUNIC. INTERNE

Del.	Cód.Prod.	Variante	Variante Desc.	Tamanho	Descrição	Qtde	Bruto unitário	Unidade gratuita.	Linha gratuita.	Tipo	Vendedor
	PRODD1	1	Color	37	SAJA	1	50.00	50.00	50.00	Venda	0001 Federico

Código de barras: **Elaboração em curso** **Fecho do recibo em curso**

**Numerazione scontrino**

Insira os dados de venda original

Número: Tipo: Data: Confirma Anula

Total: **50.00**

**Resumo de facturas/recibos**

Artigos	1
Total bruto	50.00

Some validations are done on data entered from the user:

- Number:

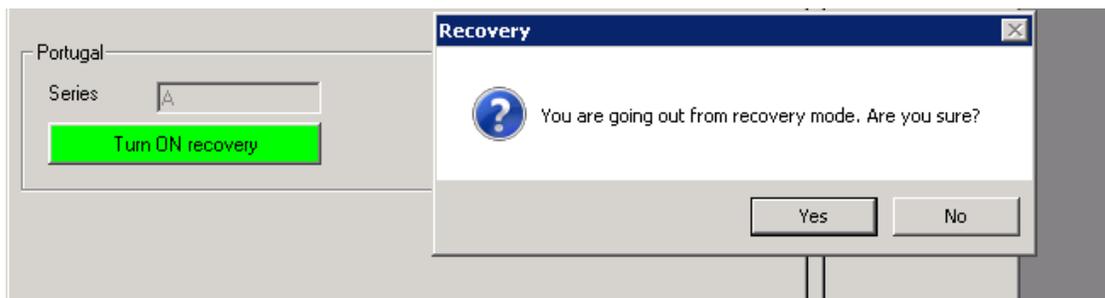
- The format has to be the standard format of the number for Stores2 Portugal:
  - INTERNALTYPE SERIES YEARSTOREIDWRKID/NUMBER
- The year cannot be different from the current or the previous year (in case of system crash on last day of the previous year);
- The store id and the workstation id have to be the current ones;
- The internal type in the number has to be the same declared in field “Type”;
- The series must be specified.
- Type:
  - Only codes associated to fatura, fatura simplificada, and nota de credito in Stores2 are allowed;
  - The type must match between the actual transaction and the recovered one.
- Date:
  - The date cannot be greater than the actual date;
  - The year of the date must match with the year defined in the “Number”.
- Existence:
  - The number inserted has to not match with existing documents;
  - The number inserted has to not match with documents already recovered.

Pressing the “Cancel” button, the program will return to the previous step, however pressing “Confirm”, in case of correct data, the program will save and print; in case of wrong data, the program will prompt an alert message to the user and wait for a new input.

#### Deactivation of disaster recovery mode

After the recovery of all lost transaction, an administrator user will deactivate the recovery mode in the same way of the activation.

The user will be asked to confirm the deactivation of the recovery mode.



#### Numeration of transactions

After the confirmation, the series will be incremented (from A to Z – 0 to 9) and so new transactions will have a new series.

For example:

- Initial series = A;
- First invoice (FT): FA 20173221/1;
- Issue of lot of invoices;
- System crash:
  - Last invoice issued: FA 20173221/372;
  - Last invoice back upped: FA 20173221/369;
- Start recovery:

#### Disaster recovery procedure

- Recover invoice (FTD) FA 20173221/370 with number RF 201720173221/1;
- Recover invoice (FTD) FA 20173221/371 with number RF 201720173221/2;
- Recover invoice (FTD) FA 20173221/372 with number RF 201720173221/3;
- End of recovery;
- New series: B;
- Next invoice: FB 20173221/1
- Next invoice: FB 20173221/2
- The same for other kind of transactions.