

**Oracle® Retail OPT Server Configuration Via
TACT**
Configuration Guide
Release 2.06

March 2015

Copyright © 2015, Oracle and/or its affiliates. All rights reserved.

Primary Author: Kris Lange

This software and related documentation are provided under a license agreement containing restrictions on use and disclosure and are protected by intellectual property laws. Except as expressly permitted in your license agreement or allowed by law, you may not use, copy, reproduce, translate, broadcast, modify, license, transmit, distribute, exhibit, perform, publish, or display any part, in any form, or by any means. Reverse engineering, disassembly, or decompilation of this software, unless required by law for interoperability, is prohibited.

The information contained herein is subject to change without notice and is not warranted to be error-free. If you find any errors, please report them to us in writing.

If this software or related documentation is delivered to the U.S. Government or anyone licensing it on behalf of the U.S. Government, then the following notice is applicable:

U.S. GOVERNMENT END USERS: Oracle programs, including any operating system, integrated software, any programs installed on the hardware, and/or documentation, delivered to U.S. Government end users are "commercial computer software" pursuant to the applicable Federal Acquisition Regulation and agency-specific supplemental regulations. As such, use, duplication, disclosure, modification, and adaptation of the programs, including any operating system, integrated software, any programs installed on the hardware, and/or documentation, shall be subject to license terms and license restrictions applicable to the programs. No other rights are granted to the U.S. Government.

This software or hardware is developed for general use in a variety of information management applications. It is not developed or intended for use in any inherently dangerous applications, including applications that may create a risk of personal injury. If you use this software or hardware in dangerous applications, then you shall be responsible to take all appropriate fail-safe, backup, redundancy, and other measures to ensure its safe use. Oracle Corporation and its affiliates disclaim any liability for any damages caused by use of this software or hardware in dangerous applications.

Oracle and Java are registered trademarks of Oracle and/or its affiliates. Other names may be trademarks of their respective owners.

Intel and Intel Xeon are trademarks or registered trademarks of Intel Corporation. All SPARC trademarks are used under license and are trademarks or registered trademarks of SPARC International, Inc. AMD, Opteron, the AMD logo, and the AMD Opteron logo are trademarks or registered trademarks of Advanced Micro Devices. UNIX is a registered trademark of The Open Group.

This software or hardware and documentation may provide access to or information on content, products, and services from third parties. Oracle Corporation and its affiliates are not responsible for and expressly disclaim all warranties of any kind with respect to third-party content, products, and services unless otherwise set forth in an applicable agreement between you and Oracle. Oracle Corporation and its affiliates will not be responsible for any loss, costs, or damages incurred due to your access to or use of third-party content, products, or services, except as set forth in an applicable agreement between you and Oracle.

Contents

Send Us Your Comments	vii
Preface	1
Documentation Accessibility	1
Customer Support.....	1
Review Patch Documentation	1
Improved Process for Oracle Retail Documentation Corrections	1
Oracle Retail Documentation on the Oracle Technology Network.....	2
Conventions	2
1 Introduction	3
2 Prerequisites	5
TACT Screens	5
Screen 1 OPT Server Tab.....	5
Screen 2 Number of OPT's.....	6
Screen 3 OPT Type Selection	7
Screen 4 Wayne OPT Server IP Address.....	7
Screen 5 Authorization / Payment Settings.....	8
Screen 6 CRIND Functions	8
Screen 7 OPT Server Timeouts.....	9
Screen 8 VAT Details	9
Screen 9 Loyalty Card Details	10
Screen 10 Grade EFT and TAX Code settings	10
Screen 11 Currency Setting	11
Screen 12 Individual OPT Settings	12
Screen 13 Individual OPT Settings	12
Screen 14 Individual OPT Settings	13
Screen 15 Individual OPT Settings	13
Screen 16 Individual OPT Settings	14
Screen 17 Individual OPT Settings	14
Screen 18 Individual OPT Settings	15
Receipt Format file.....	16
Changes to the Pumpconf file	17

Send Us Your Comments

Oracle Retail OPT Server Configuration Via TACT, Configuration Guide, Release 2.06

Oracle welcomes customers' comments and suggestions on the quality and usefulness of this document.

Your feedback is important, and helps us to best meet your needs as a user of our products. For example:

- Are the implementation steps correct and complete?
- Did you understand the context of the procedures?
- Did you find any errors in the information?
- Does the structure of the information help you with your tasks?
- Do you need different information or graphics? If so, where, and in what format?
- Are the examples correct? Do you need more examples?

If you find any errors or have any other suggestions for improvement, then please tell us your name, the name of the company who has licensed our products, the title and part number of the documentation and the chapter, section, and page number (if available).

Note: Before sending us your comments, you might like to check that you have the latest version of the document and if any concerns are already addressed. To do this, access the Online Documentation available on the Oracle Technology Network Web site. It contains the most current Documentation Library plus all documents revised or released recently.

Send your comments to us using the electronic mail address: retail-doc_us@oracle.com

Please give your name, address, electronic mail address, and telephone number (optional).

If you need assistance with Oracle software, then please contact your support representative or Oracle Support Services.

If you require training or instruction in using Oracle software, then please contact your Oracle local office and inquire about our Oracle University offerings. A list of Oracle offices is available on our Web site at www.oracle.com.

Preface

Documentation Accessibility

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at

<http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc>.

Access to Oracle Support

Oracle customers have access to electronic support through My Oracle Support. For information, visit

<http://www.oracle.com/pls/topic/lookup?ctx=acc&id=info> or visit

<http://www.oracle.com/pls/topic/lookup?ctx=acc&id=trs> if you are hearing impaired.

Customer Support

To contact Oracle Customer Support, access My Oracle Support at the following URL:

<https://support.oracle.com>

When contacting Customer Support, please provide the following:

- Product version and program/module name
- Functional and technical description of the problem (include business impact)
- Detailed step-by-step instructions to re-create
- Exact error message received
- Screen shots of each step you take

Review Patch Documentation

When you install the application for the first time, you install either a base release (for example, 13.3) or a later patch release (for example, 13.3.1). If you are installing the base release or additional patch releases, read the documentation for all releases that have occurred since the base release before you begin installation. Documentation for patch releases can contain critical information related to the base release, as well as information about code changes since the base release.

Improved Process for Oracle Retail Documentation Corrections

To more quickly address critical corrections to Oracle Retail documentation content, Oracle Retail documentation may be republished whenever a critical correction is needed. For critical corrections, the republication of an Oracle Retail document may at times **not** be attached to a numbered software release; instead, the Oracle Retail document will simply be replaced on the Oracle Technology Network Web site, or, in the case of Data Models, to the applicable My Oracle Support Documentation container where they reside.

This process will prevent delays in making critical corrections available to customers. For the customer, it means that before you begin installation, you must verify that you have the most recent version of the Oracle Retail documentation set. Oracle Retail documentation is available on the Oracle Technology Network at the following URL:

<http://www.oracle.com/technetwork/documentation/oracle-retail-100266.html>

An updated version of the applicable Oracle Retail document is indicated by Oracle part number, as well as print date (month and year). An updated version uses the same part number, with a higher-numbered suffix. For example, part number E123456-02 is an updated version of a document with part number E123456-01.

If a more recent version of a document is available, that version supersedes all previous versions.

Oracle Retail Documentation on the Oracle Technology Network

Documentation is packaged with each Oracle Retail product release. Oracle Retail product documentation is also available on the following Web site:

<http://www.oracle.com/technetwork/documentation/oracle-retail-100266.html>

(Data Model documents are not available through Oracle Technology Network. These documents are packaged with released code, or you can obtain them through My Oracle Support.)

Documentation should be available on this Web site within a month after a product release.

Conventions

Navigate: This is a navigate statement. It tells you how to get to the start of the procedure and ends with a screen shot of the starting point and the statement “the Window Name window opens.”

This is a code sample

It is used to display examples of code

Introduction

This document details how to use TACT to configure the OPT server for all types of OPT, it does not include the setup for Iridium POS's. For this example the Wayne OPT has been used.

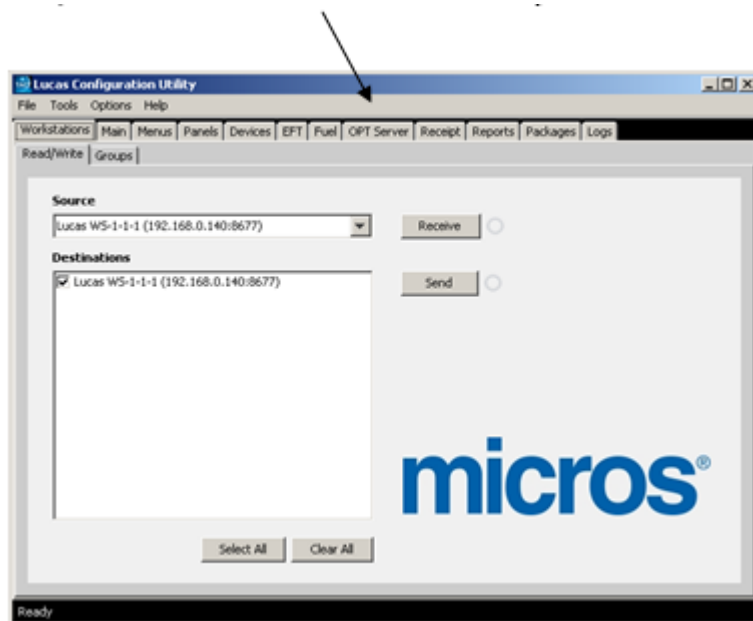
Note: The rebranding for the latest version of this documentation set is in development as part of post MICROS acquisition activities. References to former MICROS product names and companies that MICROS acquired may exist throughout this existing documentation set.

Prerequisites

- Iridium2 Software required 132K minimum
- Standard OPTSERVER.Properties file

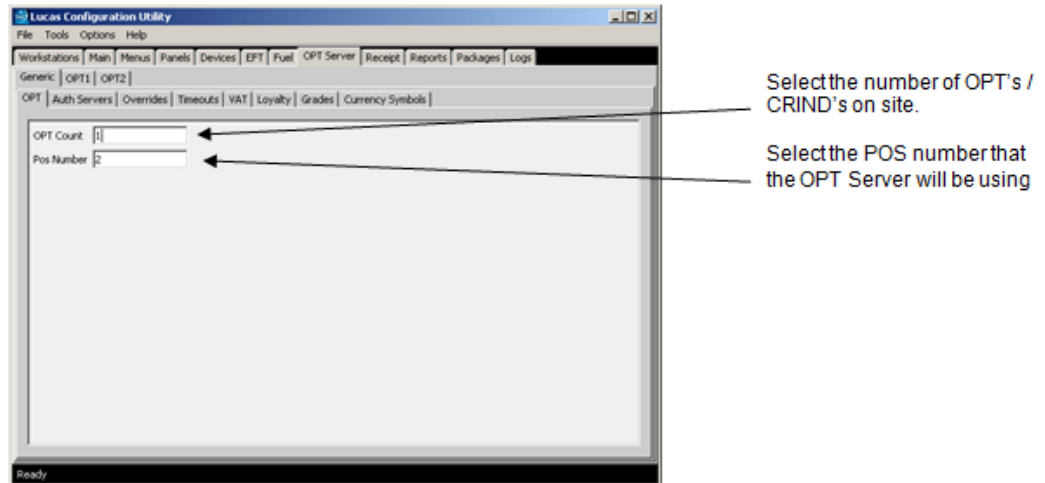
TACT Screens

When reading Back from POS1, TACT will automatically read from the OPT Server PC and you will have a OPT Server tab on the top section of TACT.



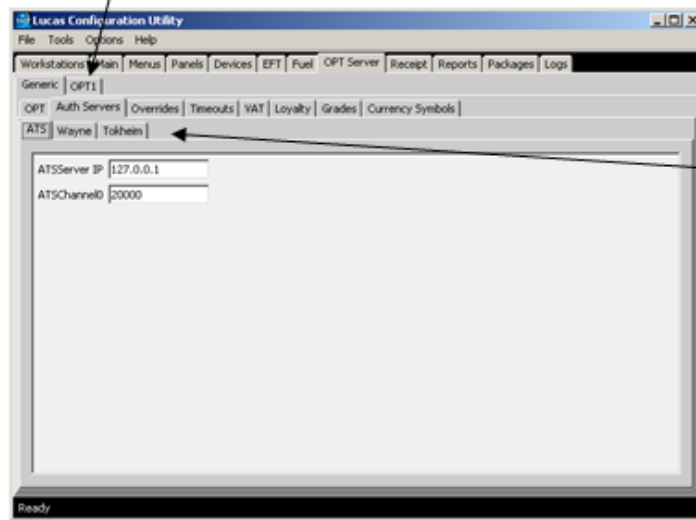
Screen 1 OPT Server Tab

Once the OPT Server tab has been selected select the Generic tab and then the OPT tab



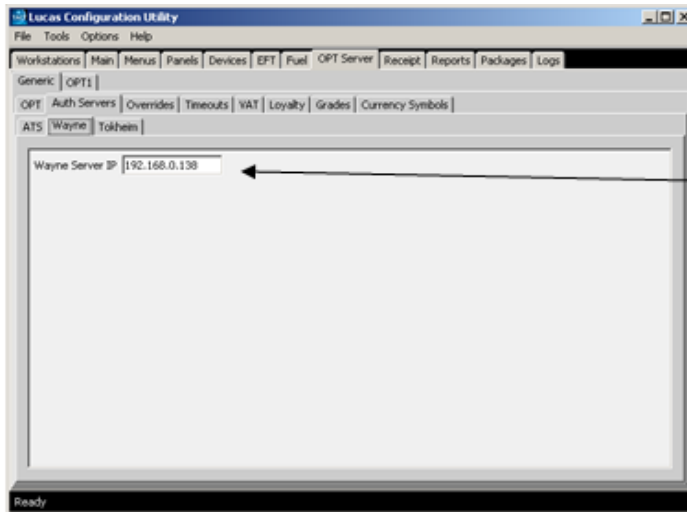
Screen 2 Number of OPT's

If you have selected 1 OPT then you will notice that the OPT tabs next to the Generic tab has changed to that amount of OPT's.



Now select the OPT type that is being setup

Screen 3 OPT Type Selection



If you are selecting Wayne, then enter the IP address of the Wayne Fusion box (Wayne server)

Screen 4 Wayne OPT Server IP Address

Lucas Configuration Utility

File Tools Options Help

Workstations Main Menus Panels Devices EFT Fuel OPT Server Receipt Reports Packages Logs

Generic OPT1

OPT Auth Servers Overrides Timeouts VAT Loyalty Grades Currency Symbols

Auth/Payment Functionality

Authorisation Currency EUR

Preauthorisation Value 0.00

Variable Authorisation Limit ☐

Variable Authorisation Limit Options 10,20,40,80

Default Authorised Amount 60.00

Authorised Amount Override (None)

Preauthorisation Overrun Protection 0.00

Maximum Payment Allowed (None)

Maximum Write Off Allowed 0.00

Ready

This can be either EUR or GBP

The amount to send for a Pre Authorisation to the EPS server

If using Variable Pre Authorisation amounts tick box and set amounts required

If the pumps on site do NOT have two stage cut off valves then this should be set to 1.00 to ensure the pump stops 1 £ /

- before the Total amount is reached.

Screen 5 Authorization / Payment Settings

Lucas Configuration Utility

File Tools Options Help

Workstations Main Menus Panels Devices EFT Fuel OPT Server Receipt Reports Packages Logs

Generic OPT1

OPT Auth Servers Overrides Timeouts VAT Loyalty Grades Currency Symbols

Auth/Payment Functionality

Crind Pay In Shop By Default ☒

Crind Pay At Pump Only ☐

Block Pay At Pump If Pay In Shop Pending ☒

Receipts Available From Shop ☐

Ready

CRIND Mode

By ticking this, it implies that lifting the nozzle the customer is doing a kiosk sale

By ticking this, you will only be able to do Pay at Pump Sales

By ticking this, blocks a pay at pump sale until the Kiosk sale has been cleared. This is to stop customers trying to pay at pump after they have completed a transaction.

If IR2 is the POS on the system you can tick this to allow a receipt to be printed at the POS for OPT sales.

Screen 6 CRIND Functions

Setting	Value
Guard Time	30
Initial Selection Timeout	600
Interactive Timeout	120
OPTPreauth Timeout	60
OPTFueling Timeout	120
OPTReceipt Timeout	300
Busy Retry Time	1000
Standby Timeout	120
OPTRecovery Time	120

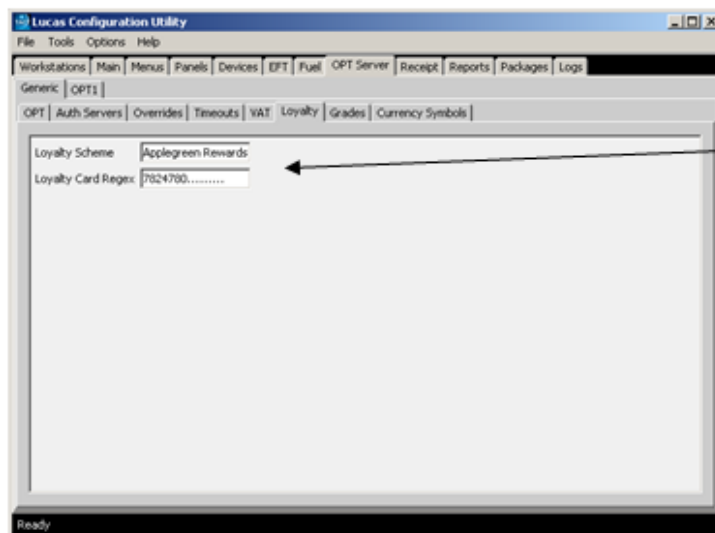
These are the default timer / timeout setting for the OPT Server. They should not be changed unless the requirement to change these has been agreed.

Screen 7 OPT Server Timeouts

VATNumber	1234567890
VATRate Code1	20
VATRate Code2	13.5
VATRate Code3	(None)
VATRate Code4	(None)

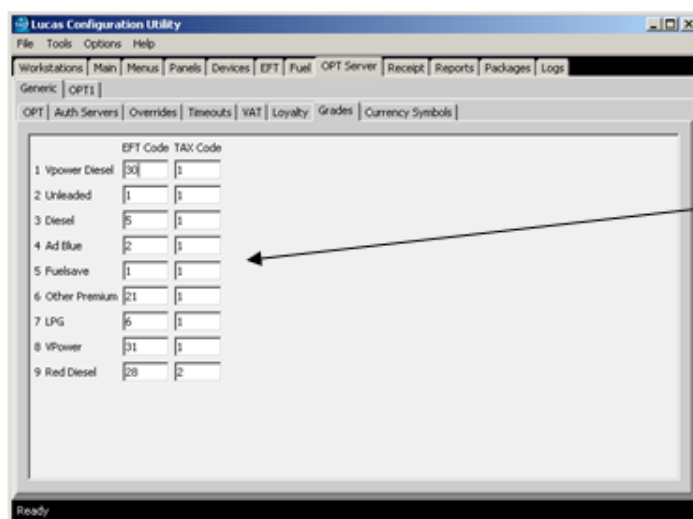
Enter the VAT number for the site and the percentage rates, if the site runs different VAT rates i.e. standard and reduced (RED Diesel) then ensure you set both rates.

Screen 8 VAT Details



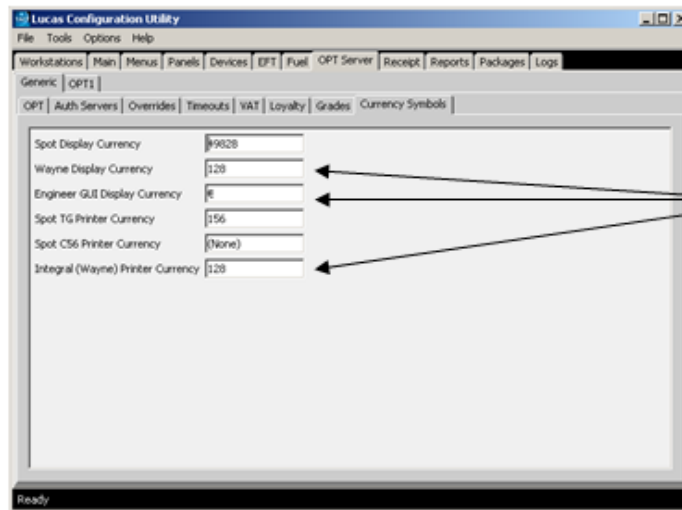
Select any Loyalty scheme that is to be used with the OPT

Screen 9 Loyalty Card Details



Each grade of fuel will require the EFT (APACS) code setting and also the VAT Tax code related to screen 8

Screen 10 Grade EFT and TAX Code settings



For Wayne the main setting are shown, these should be set as shown
(Note: • sign can be obtained on certain keyboards by doing Ctrl, Alt and the 4 key)

Screen 11 Currency Setting

Screen 12 Individual OPT Settings

Lucas Configuration Utility

File Tools Options Help

Workstations Main Menus Panels Devices EFT Fuel OPT Server Receipt Reports Packages Logs

Generic OPT1

Type: OPT

Core0: Wayne

Core1: (None)

Core2: (None)

Terminal IP: 192.168.0.138

Pos Id: 2

Pump List: 1,3,5,7,2,4,6,8

Terminal Type: wA/N/E

PrinterInterface: Integral

PrinterHardware: (None)

Scanner: Event

ATSWorkstation Id: (None)

ATSCheckId: (None)

Wayne Workstation Id: 1

Ready

Screen 12 Individual OPT Settings

Lucas Configuration Utility

File Tools Options Help

Workstations Main Menus Panels Devices EFT Fuel OPT Server Receipt Reports Packages Logs

Generic OPT1

Type: CRIND

Core0: (None)

Core1: CRIND

Core2: Remote Token

Terminal IP: 192.168.0.138

Pos Id: 2

Pump List: 1,3,5,7,2,4,6,8

Terminal Type: wA/N/E

PrinterInterface: Integral

PrinterHardware: (None)

Scanner: Event

ATSWorkstation Id: (None)

ATSCheckId: (None)

Wayne Workstation Id: 1

Ready

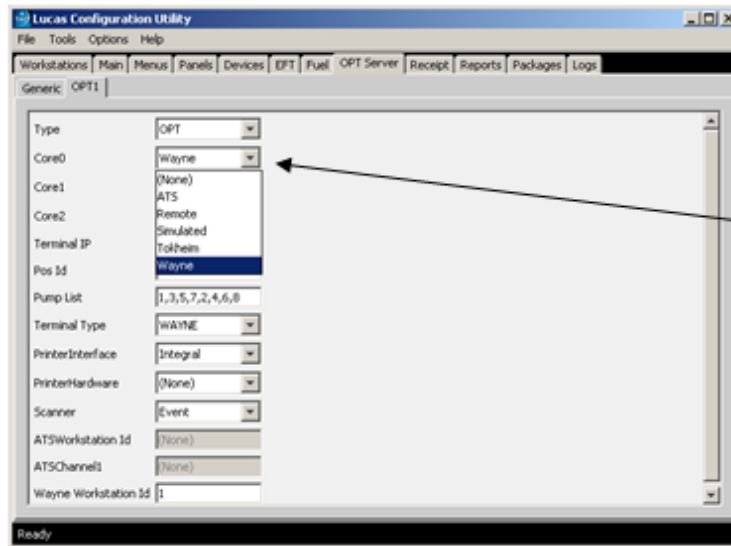
Select the type of operation that will be used i.e. OPT or CRIND

(CRIND = Card Reader in Dispenser. 1 x pump Per CRIND
OPT= Outside Payment Terminal. Multiple Pumps per OPT)

For CRIND enter the pump No that the CRIND is attached to.

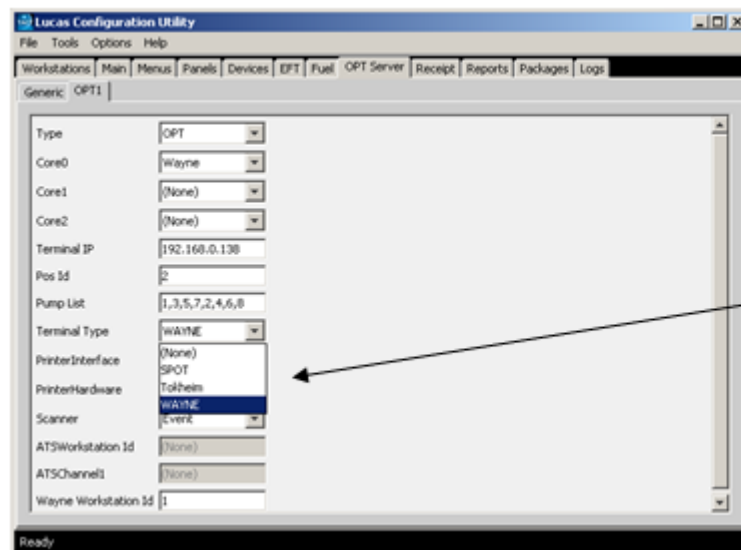
FOR OPT enter the pump numbers that will be using the OPT i.e. 1,2,3,4

Screen 13 Individual OPT Settings



Select the Core's
i.e. if this is
connected to a
Wayne system
then you would
select Wayne. If
the site was also
doing Mobile
Payment then you
would select a
second core which
would be set to
Remote

Screen 14 Individual OPT Settings



Select the
Terminal type

Screen 15 Individual OPT Settings

Lucas Configuration Utility

File Tools Options Help

Workstations Main Menus Panels Devices EFT Fuel OPT Server Receipt Reports Packages Logs

Generic OPT1

Type: OPT

Core0: Wayne

Core1: (None)

Core2: (None)

Terminal IP: 192.168.0.138

Pos Id: 2

Pump List: 1,3,5,7,2,4,6,8

Terminal Type: WAYNE

PrinterInterface: Integral

PrinterHardware: (None)

Scanner: Integral

ATSWorkstation Id: 1

ATSCannel1: (None)

Wayne Workstation Id: 1

Ready

Select Printer Type

Screen 16 Individual OPT Settings

Lucas Configuration Utility

File Tools Options Help

Workstations Main Menus Panels Devices EFT Fuel OPT Server Receipt Reports Packages Logs

Generic OPT1

Type: OPT

Core0: Wayne

Core1: (None)

Core2: (None)

Terminal IP: 192.168.0.138

Pos Id: 2

Pump List: 1,3,5,7,2,4,6,8

Terminal Type: WAYNE

PrinterInterface: Integral

PrinterHardware: (None)

Scanner: (None)

ATSWorkstation Id: 1

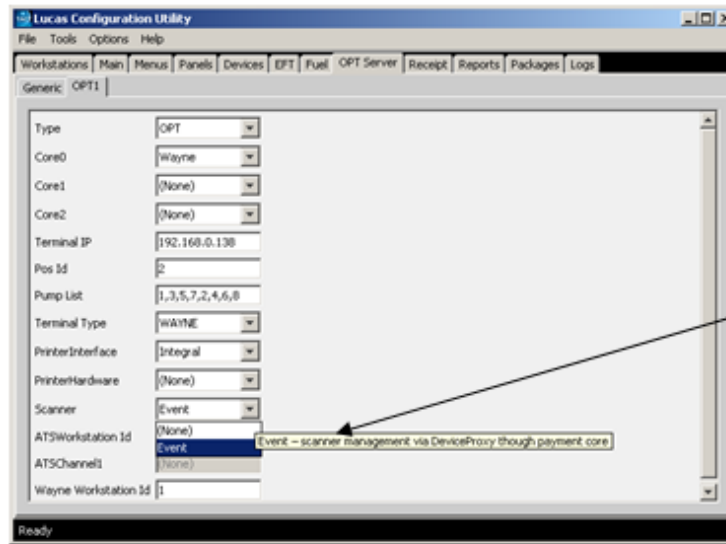
ATSCannel1: (None)

Wayne Workstation Id: 1

Ready

Select Printer Hardware type, Wayne should be set to None

Screen 17 Individual OPT Settings



For Wayne set
scanner to Event

Screen 18 Individual OPT Settings

Other Sections that have to be set by hand.

Receipt file formats:

Open the three receipt format files, ReceiptFormat.txt, Fuelcardreceiptformat.txt and TicketFormat.txt.

Edit the address lines as required and save files.

Receipt Format file

```
#
# Line width is set in OTServer.properties, typically 30
#
# {0} is replaced by EFT voucher
# {1} is replaced by tracking data e.g. date & time, POS number, transaction
number
# {2} is replaced by item/fuel description and value
# {3} is replaced by VATNumber from OPTServer.properties
#
# all other lines will be centred in the available print width
#
#
(Centre) Applegreen M11 Wicklow
(Centre) M11 Cullenmore
(Centre) Co Wicklow
(Centre) Ireland
(Blank)
{0}
(Blank)
(Centre) Separate here for VAT receipt
(Centre) -----
(Blank)
(Centre) Applegreen M11 Wicklow
(Centre) M11 Cullenmore
(Centre) Co Wicklow
(Centre) Ireland
(Blank)
{1}
(Blank)
{2}
(Blank)
(Centre) VAT no:{3}
(Blank)
(Centre) THANK YOU FOR CALLING
(Blank)
(Blank)
(Blank)
```

Lines to change

Changes to the Pumpconf file


In the Pumpconf.txt file there are two areas to check

1. The fuelling mode configuration for each pump

```
[FpId1]
DeviceChannel=0
DeviceNo=1
DeviceType=0
GradeOption1=03
GradeOption2=03
GradeOption3=04
GradeTank1=1
GradeTank2=1
GradeTank3=2
MaxTransAuth=2
Sibling=0
FirstSide=No

[FcOperationModeSetFpId1]
FcOperationModeNo=1
FpTransactionType=2
FcOperationModeNo=2
FpTransactionType=4
```

The system runs on operation mode 1 as standard, the transaction type is the area you should check



2. The service mode set against the transaction type, this is a global setting for all pumps using this transaction type.

```
[FcOperationModeNo01]
Name="Normal"

[FcOperationModeNo02]
Name="Recirculation"

[FpTransactionType1]
Name=" (PostPaid) "
ServiceMode=12
FuellingModeGroup=1
PriceGroup=1

[FpTransactionType2]
Name=" (PostPaid) "
ServiceMode=12
FuellingModeGroup=2
PriceGroup=1
```

In the details above the pump is set to Operation Mode 1 and Transaction Type 2. So you will need to ensure that the Service Mode for this Transaction Type is set to 12 for Post and Pre Pay operation.

