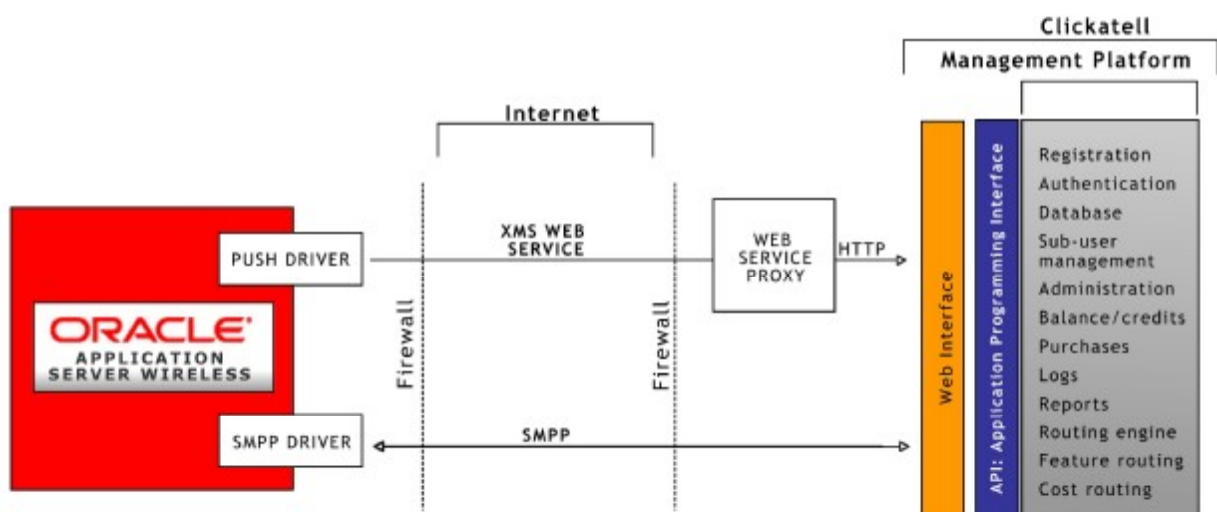


Quick Start Guide to Connecting OracleAS Wireless to the Clickatell Gateway via SMPP

1. Introduction

This quick start guide provides a six step process for connecting the Oracle Application Server Wireless (hereto referred as OracleAS Wireless) to the Clickatell messaging gateway for mobile message delivery, using the default OracleAS Wireless SMPP driver. It is assumed that the OracleAS has been installed and the wireless component has been configured. If this has not been completed, please do so now before continuing with the connection process.

An SMPP account is subject to approval and successful compliance testing. A minimum monthly usage of 5000 credits is applicable.



2. Step 1 – register for a Clickatell account and apply for a SMPP connection

- Go to <http://www.clickatell.com/central/campaigns/redir.php?cid=2042>, complete the necessary details on the customer registration form and submit.
- After successfully submitting the form, you will automatically be logged into your new account and taken to the SMPP API registration form to register a new SMPP connection. Fill in all the required fields in the form, entering “OracleAS SMPP driver” for the SMPP client application field.
- After successfully submitting the SMPP API application form, your authentication details will be displayed for your registered SMPP connection (sub-product), including the unique system_type. We suggest that you write these details down and keep in a safe place, as these will be required when configuring your OracleAS Wireless. You will receive an email indicating the application approval process.
- Your application will be reviewed and you will be notified by email as to the outcome. If successful, you will be allowed to connect to the Clickatell test SMPP server for a period of 30 days.

3. Step 2 – purchase messaging credits

- A minimum balance of 5000 credits is one of the requirements for application approval.
- Log into Clickatell Central at <http://www.clickatell.com/login.php>.
- Go to the purchase link on the left-hand menu.
- Click on the **Buy SMS Credits** link and follow the purchase process.

4. Step 3 – configure Oracle AS Wireless

- First make sure you download and read through the Clickatell SMPP API specification document available at http://www.clickatell.com/deploy/solutions/developers/api_smpp.php.
- Log on to your Oracle Application Server control panel. Select the middle tier instance where the Oracle Wireless component is installed and then select the wireless system component.
- Select the messaging server process under “Standalone Processes” and click the **Edit** button.
- Select the SMPP driver instance and click the **Edit** button.
- Fill in the driver specific parameter values below and click the **OK** button.

Name	Suggested value
sms.account.id	(Not applicable)
sms.server.host	smpp.clickatell.com
sms.smpp.transmitter.system.id	(Clickatell username)
sms.smpp.transmitter.system.type	(Clickatell system_type)
sms.smpp.transmitter.system.password	(Clickatell password)
sms.server.transmitter.port	2345
sms.smpp.receiver.system.id	(Clickatell username)
sms.smpp.receiver.system.type	(Clickatell system_type)
sms.smpp.receiver.system.password	(Clickatell password)
sms.server.receiver.port	2346
sms.server.default.encoding	IA5
sms.local-sending.port	2345
sms.local-receiving.port	2346
sms.local.address	(application server hostname)
sms.server.source.ton	1
sms.server.source.npi	1
sms.server.destination.ton	1
sms.server.destination.npi	1
sms.window.size	1
sms.bulk.sending	false
sms.payload.sending	false
sms.message.maxchunks	-1
sms.message.chunksize	150
sms.enquire-link.interval	60
sms.throttling.delay	15
sms.extra.error-code	(Not applicable)
sms.bind.retry.delay	-1
sms.registered.delivery.mark	0xFF
sms.wireless.network	GSM
sms.priority.allowed	0

- Restart the messaging server by selecting the messaging server process, stopping it and then starting it.

5. Step 4 – test to ensure you are connected

- Go to your OracleAS Wireless installation Mobile Studio; e.g. <http://middletierhost:port/studio>.
- Sign into the SSO Server, which will redirect you to the Mobile Studio application.
- Click on the **Short Messaging** button. Change the desired transport to SMS. Compose and send your message.

6. Step 5 – compliance testing

- Within one month of your test account going live, you must request and undergo a compliance test. Review the compliance test with the SMPP API specification document for more information.
- If you pass the compliance test, a commercial SMPP account will be configured on the production SMPP server.

7. Step 6 – reconfigure Oracle AS Wireless

- You will then need to change the port numbers in order to point to the production SMPP server. The port numbers will be made available to you once you have passed the compliance test. Change these by following the same procedure as **Step 2**.
- Dedicated throughput and throttling, at five (5) messages per second, will be available on the production SMPP server.
- You are now ready to send commercial traffic!

8. Resources

- For more information on managing your SMPP API connection within Clickatell Central see http://support.clickatell.com/deploy/guides/clickatell_gateway.php.
- For more information of the application process, compliance testing and our SMPP API please download and read our SMPP API Specification document available on the following web page: http://support.clickatell.com/deploy/guides/clickatell/api_guide.php.
- To check whether the destination you wish to send to is covered by Clickatell, please view the following web page: http://www.clickatell.com/deploy/pricing/basic_coverage.php.
- For more information on Oracle Application Server Wireless messaging, please view the following web page: <http://www.oracle.com/technology/products/iaswe/messaging/index.html>.

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