



## TranslationPlus (Digitalk Version)

### Integration Options

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## Management Summary

TranslationPlus is a web enabled number translation tool aimed at the media/advertising, dating and expatriate vertical markets.

This document outlines what is available for Agents of the system to integrate their web sites or database input tools with the core system

There are many options available and these are expanded and developed over time; current integration schemes include:

- Login via URL
- Login via an HTML form
- Forwarding to CMS created site on an IP address
- Forwarding to CMS created site on a Domain/Sub-domain
- XML API
- IFrame

The key to these options is supportability, the more featured the offering the harder full integration becomes.

## Methods

### Login via URL

Automatic login is easily achieved by having a link to the 'phonebook' from your site, failure lands on the registration page.

A domain/sub-domain is required, example <http://www.ukxpat.com>

<http://www.ukxpat.com/login.asp?email=ian.steele@jtechltd.com&password=ian>

This is really easy but it can reveal the password in the link whilst logged in and hovering over the link on the page.

Login via an HTML form

A better way for auto login is to submit it as an HTML form from hidden fields "txtemail" and "txtpassword"

Example:

```
<form name="login" method="post" action="http://ukxpat.com/login.asp">  
  <input name="txtemail" type="hidden" id="txtemail"  
  value="ian.steele@jtechltd.com">  
  <input name="txtpassword" type="hidden" id="txtpassword" value="<ian>">  
</form>
```

Forwarding to CMS created site on an IP address

A new site can be accessed from a non-DNS link by suffixing the 'company name'.  
Example [http://213.228.233.205/TranslationPlus\\_CityLifeline\\_Version/britishexpat](http://213.228.233.205/TranslationPlus_CityLifeline_Version/britishexpat) This picks up a session ID and cookie and lands on the generic page  
[http://213.228.233.205/TranslationPlus\\_CityLifeline\\_Version/default.asp](http://213.228.233.205/TranslationPlus_CityLifeline_Version/default.asp)

Using the IP address has 2 significant disadvantages

1. You only land on the home page, not phonebook or registration
2. If the user saves the URL and loses the cookie it reverts to the default site.  
(Although if they login from there it will revert back to the original agent site)

Forwarding to CMS created site on a Domain/Sub-domain

By using a sub-domain there is never any doubt that the user will land on the correct site.  
Also links can go to specific pages. Example  
[http://www.ukxpat.com/register\\_a\\_number.asp](http://www.ukxpat.com/register_a_number.asp)

The domain must be A-Record forwarded to the TranslationPlus web server. Jtech need to be notified by e-mail to add the domain to the web server IIS

## XMLHTTP API – Script

Jtech provide ASP, ASP.NET and PHP scripts for TranslationPlus, features currently supported include:

- Account set up
- Adding/deleting numbers
- Parallel dialling
- Voice mail, check and set
- Voice mail, personal greeting PIN generation

If an account already exists the application adds the number to their Phonebook, if it doesn't exist a new account is created

Examples below are shown using ASP and/or PHP.

If examples are not available in your chosen script language and you require assistance (ASP, ASP.NET or PHP) please contact [support@fireflytelecom.com](mailto:support@fireflytelecom.com)

## Example query string in ASP

```
<%
Option Explicit

Dim xml
Dim strEmailAddress
Dim strPassword 'if not entered the e-mail address will be entered as the password
Dim strFirstName
Dim strLastName
Dim strDestinationNumber
Dim strDestinationContactName
Dim strExecute
Dim strAgentID
Dim strReturnValue
Dim strServerAddress

'The data we are going to send
strEmailAddress = "rimas.sestokas@jtechltd.com"           'Email address of the new/exist account holder
strFirstName = "Rimas"
                '50 character maximum
strLastName = "Sestokas"                                '50 character maximum

***** Multiple destination numbers must have corresponding contacts, other wise an error will be returned!
strDestinationNumber = "07870573990|02071377377"        'A valid destination number.

                'Optionally, delimit multiple destination numbers using the | character

                'The highest destination chargeband will be used

strDestinationContactName = "Jon Mobile|lan fixedNo real maximum, just keep it short

                'Optionally, delimit multiple contacts using the | character

strAgentID = "FIR0001"
                'AgentID'
strServerAddress = "http://172.16.216.201/xmllobit"      'Full path to the location of processdata.asp. Must end in /

'Create an instance of the XMLHTTP object
Set xml = Server.CreateObject("Microsoft.XMLHTTP")

'Execute the querystring
strExecute = strServerAddress & "processdata.asp?emailaddress=" & strEmailAddress & "&firstname=" & strFirstName & _
                "&lastname=" & strLastName & "&destinationnumber=" & strDestinationNumber & _
                "&destinationcontactname=" & strDestinationContactName & "&agentid=" & strAgentID

'Execute the querystring
xml.Open "GET", strExecute, false
xml.send

'Get the return value
strReturnValue = xml.responseText

'Write responseText for testing
response.write strReturnValue

Set xml = Nothing

***** TODO *****
'Add your code for processing the return value - strReturnValue

%>
```

## Deleting a number in ASP

```
<%
```

```
APIKey = "8F78C51E-0DAB-464C-871F-88E8DF963EFD"
```

```
//This key is for illustration only Jtech support will provide a GUID
```

```
strNumber = "08444368068"
```

```
'The data we are going to send
```

```
strAgentID = "DES0000"
```

```
    'AgentID for Kids No Object
```

```
strServerAddress = "http://http://172.16.216.201/xmlobit"
```

```
'Full path to the location of processdata.asp. Must end in /
```

```
'Must end in /
```

```
'Create an instance of the XMLHTTP object
```

```
Set xml = Server.CreateObject("Microsoft.XMLHTTP")
```

```
'The querystring we are going to execute
```

```
strExecute = strServerAddress & "deletenumber.asp?APIKey=" & APIKey & "&strNumber=" & strNumber
```

```
'response.write strExecute
```

```
'Execute the querystring
```

```
xml.Open "GET", strExecute, false
```

```
xml.send
```

```
'Get the return value
```

```
strReturnValue = xml.responseText
```

```
'Write responseText for testing
```

```
response.write strReturnValue
```

```
Set xml = Nothing
```

```
***** TODO *****
```

```
'Add your code for processing the return value – strReturnValue
```

```
%>
```

## Example query string in PHP

```
<?php
//The email address specifies which account the number will belong to
$strEmailAddress = "rimas.sestokas@jtechltd.com";
$strPassword = "rimas1973" "if no entered the e-mail address will become the password
$strFirstName = "Rimas";
$strLastName = "Sestokas";

//Multiple destination number and contacts may be added using a | as a delimiter, e.g
//$strDestinationNumber = "0061883706426|0061883706425";
//$strDestinationContactName = "test1|test2";

$strDestinationNumber = "0061883706426";
$strDestinationContactName = "test3";

//Whether to return an existing translation
$boolReturnExisting = "yes";
//Agent ID
$strAgentID = "KNO0000";
//Location of API
$strServerAddress = "http://172.16.216.201/xmllobit";

//Build the address string for our remote file.
$strExecute = $strServerAddress . "processdata.asp?emailaddress=" . $strEmailAddress . "&firstname=" . $strFirstName .
"&lastname=" . $strLastName . "&destinationnumber=" . $strDestinationNumber . "&destinationcontactname=" .
$strDestinationContactName . "&agentid=" . $strAgentID . "&boolReturnExisting=" . $boolReturnExisting;

//Store the remote files return in $Stuff.
$strReturnValue = file($strExecute);

//***** TODO *****
//Add your code for processing the return value - strReturnValue
echo $strReturnValue[0];

//Return Values
//NO_FIRSTNAME_OR_LASTNAME - The FirstName or LastName parameters were not supplied when a new attempting to
create a new account.
//NO_DESTINATION_OR_CONTACTNAME - The DestinationNumber or DestinationContactName parameters were not supplied.
Always required.
//NO_DESTINATION_AVAILABLE - The system does not currently support the destination number provided.
//DESTINATION_AND_CONTACT_DO_NOT_MATCH - An uneven number or destination numbers or numbers was supplied.
//A number, e.g. 08444368931 - The process was successful.

?>
```

## Deleting a number in PHP

```
<?php
//This key is for illustration only Jtech support will provide a GUID
$APIKey = "F8A31013-53D1-463C-BEBF-A26031FE47AE";

//The number you wish to delete
$strNumber = "08444368067";

//Location of API
$strServerAddress = "http://webservice.xml/";

//Build the address string for our remote file.
$strExecute = $strServerAddress . "deletenumber.asp?APIKey=" . $APIKey . "&strNumber=" . $strNumber

//Store the remote files return in $Stuff.
$strReturnValue = file($strExecute);

//***** TODO *****
//Add your code for processing the return value - strReturnValue
echo $strReturnValue[0];

//Return Values
//NO_KEY_OR_NUMBER_SUPPLIED - No APIKey or number supplied
//INVALID_KEY_OR_NUMBER_NOT_FOUND - Either the key supplied was invalid, or the number you attempted to delete does
not exist
//NUMBER_DELETED - The deletion was successful?>
```

## Set Voice Mail Parameter

<?php

```
//This key is for illustration only Jtech support will provide a GUID
$APIKey = "8F78C51E-0DAB-464C-871F-88E8DF964EFE";
```

```
//The number you wish to set the status of
$strNumber = "08444368067";
```

```
//Location of API
$strServerAddress = "http://213.228.233.205/xml/";
```

```
//Voicemail settings
// First value (Voicemail)= Voicemail on/off [1=on, 0=off]
// Second value (StraightAway) = Answer straight away [1=on, 0=off]
// Third value (CallFailure) = Answer on call failure [1=on, 0=off]
// Fourth value (RTNR) = Answer when phone rings out [1=on, 0=off]
// Fifth value (VoiceSeconds) = Time in seconds used for fourth value [must be positive integer]
```

```
$Voicemail = 1
$StraightAway = 0
$CallFailure = 0
$RTNR = 1
$VoiceSeconds = 10
```

```
//Build the address string for our remote file.
$strExecute = $strServerAddress . "setvoicemail.asp?APIKey=" . $APIKey . "&strNumber=" . $strNumber
$strExecute = $strExecute . "&Voicemail=" . $Voicemail . "&StraightAway=" . $StraightAway . "&CallFailure=" . $CallFailure
$strExecute = $strExecute . "&RTNR=" . $RTNR . "&VoiceSeconds=" . $VoiceSeconds
```

```
//Store the remote files return in $Stuff.
$strReturnValue = file($strExecute);
```

```
//***** TODO *****/
//Add your code for processing the return value - strReturnValue
echo $strReturnValue[0];
```

```
//Return Values
//ONE_OR_MORE_SETTINGS_MISSING - All 5 settings must be supplied
//NO_KEY_OR_NUMBER_SUPPLIED - No APIKey or number supplied
//INVALID_KEY_OR_NUMBER_NOT_FOUND - Either the key supplied was invalid, or the number you attempted to delete does not exist
//NUMBER_DELETED - The deletion was successful
```

?>

## Get Voice Mail Parameter

```
<?php
//This key is for illustration only Jtech support will provide a GUID
$APIKey = "8F78C51E-0DAB-464C-871F-88E8DF964EFD";

//The number you wish to get the status of
$strNumber = "08444368067";

//Location of API
$strServerAddress = "http://213.228.233.205/xml/";

//Build the address string for our remote file.
$strExecute = $strServerAddress . "getvoicemail.asp?APIKey=" . $APIKey . "&strNumber=" . $strNumber

//Store the remote files return in $Stuff.
$strReturnValue = file($strExecute);

//***** TODO *****/
//Add your code for processing the return value - strReturnValue
echo $strReturnValue[0];

//Return Values
// A pipe delimited string, i.e. 0|1|1|1|10
// First value = Voicemail on/off [1=on, 0=off]
// Second value = Answer straight away [1=on, 0=off]
// Third value = Answer on call failure [1=on, 0=off]
// Fourth value = Answer when phone rings out [1=on, 0=off]
// Fifth value = Time in seconds used for fourth value [must be positive integer]

//NO_KEY_OR_NUMBER_SUPPLIED - No APIKey or number supplied
//INVALID_KEY_OR_NUMBER_NOT_FOUND - Either the key supplied was invalid, or the number you attempted to delete does
not exist
//NUMBER_DELETED - The deletion was successful

?>
```

## Generate Voice Mail Greeting PIN Parameter

```
<%
Option Explicit

Dim xml
Dim strEmailAddress
Dim strExecute
Dim strNumber
Dim strReturnValue
Dim strServerAddress

'The data we are going to send
strEmailAddress = "jd.steele@jtechltd.com"           'Email address of the existing
account holder
strNumber = "08714798895"

strServerAddress = "http://213.228.233.205/xml/"     'Full path to the location of generatepin.asp. Must end in /

'Create an instance of the XMLHTTP object
Set xml = Server.CreateObject("Microsoft.XMLHTTP")

'The querystring we are going to execute
strExecute = strServerAddress & "generatepin.asp?strEmail=" & strEmailAddress & "&strNumber=" & strNumber

'Execute the querystring
xml.Open "GET", strExecute, false
xml.send

'Get the return value
strReturnValue = xml.responseText

'Write responseText for testing
response.write strReturnValue

Set xml = Nothing

***** TODO *****
'Add your code for processing the return value - strReturnValue

%>
```

## IFrame

IFrame is a very quick and easy way of projecting the service onto an Agent's web site. Cut down pages from the CMS system supported include:

1. Login
2. Phonebook
3. Add a number
4. Edit a number
5. CLI Bar
6. View My Calls
7. Successful registration

'Made for Frame' HTML pages fit an IFrame 675 pixels wide or more, the depth can be chosen to suite your site as the customer can scroll down the IFrame when the contents is too large. The maximum depth is a Telephone Book with 15 entries, this is 620 pixels (pagination of entries takes place then)

Example of an HTML page 'made for frame' is;

[http://www.dateinsafety.com/telephone\\_book\\_frame.asp](http://www.dateinsafety.com/telephone_book_frame.asp) to access this page you need to register and login on [www.dateinsafety.com](http://www.dateinsafety.com) to gain the Session ID. All pages 'made for frame' are the same as their CMS version but suffixed with \_frame.asp

*Important – How to log a customer into an IFrame phonebook on your site*

Some PCs pick up the Session ID for an IFrame others appear not to. Therefore a redirect from your site to ours and back again is required to establish the Phonebook Session ID.

Consider <http://84.246.159.100/tp/Administration/site/logintelephonebook.asp> to be your web server with the IFrame on the page.

When a customer wants to log in the following is sent;

<http://www.dateinsafety.com/login.asp?version=frame&email=ian@jpmsa.com.au&password=ian&redirect=http://84.246.159.100/tp/Administration/site/logintelephonebook.asp>

The code on your website would include an IFrame like;

```
<TD><IFRAME SRC="http://www.dateinsafety.com/telephone_book_frame.asp"
WIDTH=675 HEIGHT=620 ALIGN=RIGHT>
```

```
</IFRAME>
```

**Conclusion**

Integration with TranslationPlus is never difficult. Most clients are up and running the same day. Time to market/Speed to Money is the key. We suggest a launch using the CMS and decide what method suits your technical and business requirements best.