

The best way to use the Red Oxygen API from Visual C++ is to use the Red Oxygen DLL.

The DLL exposes a SendSMS function with the following interface.

C/C++ function declaration

```
int __stdcall SendSMS(char *pszAccountID, char *pszEmailAddress, char *pszPassword, char *pszRecipient, char *pszMessage);
```

Example use:

```
nResult = SendSMS("CI00001234",  
                 "username@company.com",  
                 "hello",  
                 "61407000001",  
                 "Hello from C++");
```

Sending to multiple recipients

To send to multiple recipients simply separate them by comma's in the Recipient parameter.

Parameter	Description
AccountId	This is your AccountId which uniquely identifies your account. If you are not sure what your AccountId is you can also use your Authorisation code in place of the AccountId.
Email	This is used to identify your user account. It also receives SMS replies as emails to the SMS messages you send.
Password	In this field you must put your password which can be set by your account administrator. If you have installed OutlookSMS or NotesSMS you may also use your Installation code in place of your password.
Recipient	The destination mobile number. Multiple recipients can be specified comma separated.
SmsText	A single SMS has a maximum length of 160 characters. If the message is greater than 160 characters then multiple SMS will be sent as a concatenated SMS which will result in an additional charge for the additional messages. The maximum length of a message is 765 characters.

For more details see the Red Oxygen API - DLL User Guide.

Red Oxygen API – Visual C/C++

SAMPLE CODE

```
#include <windows.h>
#include <stdio.h>

typedef int __stdcall SendSMSFn(char *pszAccountID, char *pszEmailAddress, char
*pszPassword, char *pszRecipient, char *pszMessage);

int
SendSMS(char *pszAccountID, char *pszEmailAddress, char *pszPassword, char
*pszRecipient, char *pszMessage)
{
    HMODULE hDll;
    SendSMSFn *pfnSendSms;
    int nResult;

    hDll = LoadLibrary("c:\\redoxygen.dll");
    if(hDll==NULL)
    {
        // printf("Error loading DLL\n");
        return(-1);
    }

    pfnSendSms = (SendSMSFn *)GetProcAddress(hDll, "SendSMS");
    if(pfnSendSms==NULL)
    {
        // printf("Error finding SendSMS function\n");
        return(-1);
    }

    nResult =
    pfnSendSms(pszAccountID, pszEmailAddress, pszPassword, pszRecipient, pszMessage);
    FreeLibrary(hDll);

    return(nResult);
}

int main(int argc, char* argv[])
{
    int nResult =
    SendSMS("CI00001234", "username@company.com", "hello", "61407000001", "Hello from C++");

    if(nResult==0)
        printf("SMS message sent successfully\n");
    else
        printf("Error sending SMS - Error code: %d\n", nResult);

    return 0;
}
```