

## *- Remote control execution profile -*

This application note describes Zumara remote control by using Telnet and FTP.

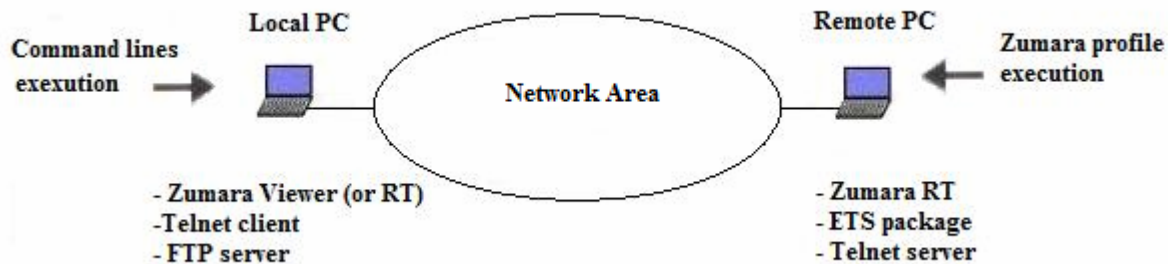
### 1. Introduction

#### 1.1 Description

We want to execute a Zumara profile into a remote computer. Configure the remote with Zumara RT, an ETS (the one you want to run) and a Telnet Server.

The local PC only needs a Zumara Viewer (or RT), a Telnet Client and an FTP Server.

#### 1.2 Visualisation



### 2. Build profile and PIA (pixit/pics files)

On the local pc, build your profile and open pia file to put your own values.

### 3. Transfer pia and acp profile

You already have prepared all the files needed for the execution profile: acp, aip, acf and pia files. Open now a ftp connection to put the files on the remote pc.

```

C:\ Invite de commandes - ftp
C:\Documents and Settings\jdo>ftp
ftp> open 192.168.0.30
Connecté à 192.168.0.30.
220-Microsoft FTP Service
220 Welcome to CYS FTP Server
Utilisateur <192.168.0.30:(none)> : visit_ftp
331 Password required for visit_ftp.
Mot de passe :
230-You're now connected to CYS FTP Server
230 User visit_ftp logged in.
ftp> _
  
```

Transfer Zumara files

```

C:\ Invite de commandes - ftp
C:\Documents and Settings\jdo>ftp
ftp> open 192.168.0.30
Connecté à 192.168.0.30.
220-Microsoft FTP Service
220 Welcome to CYS FTP Server
Utilisateur (192.168.0.30:(none)) : visit_ftp
331 Password required for visit_ftp.
Mot de passe :
230-You're now connected to CYS FTP Server
230 User visit_ftp logged in.
ftp> put telnet_402_7.pia
200 PORT command successful.
150 Opening ASCII mode data connection for Telnet_402_7.pia.
226 Transfer complete.
ftp> put telnet_402_7npf_e1.acp
200 PORT command successful.
150 Opening ASCII mode data connection for Telnet_402_7NPF_E1.ACP.
226 Transfer complete.
ftp : 37923 octets envoyés en 0,00 secondes à 37923000,00 Ko/sec.
ftp> put telnet_isdn.acf
200 PORT command successful.
150 Opening ASCII mode data connection for Telnet_ISDN.acf.
226 Transfer complete.
ftp> _
    
```

#### 4. Launch profile on remote pc

##### 4.1 Zumara profile execution

The direct command is: `wac_md -r[profile.acp] -x`

The command supports the following options:

- `-r`: to launch the last current profile (edited or executed) in the working directory.
- `-rprofile.acp`: to launch the profile defined in the working directory. The `.acp` suffix is optional.
- `-x`: the Manager is closed at the end of profile execution.

For more informations, see application note: Automatic launching of Zumara profile (PDF note).

Open a Telnet connection.

```

C:\ Telnet 192.168.0.30
=====
Microsoft Telnet Server.
=====
C:\Users\jeando>start /w c:\Clarinet\Clatools\wac_md.exe -r -x
    
```

At the end of the process, Zumara application will be closed.

##### 4.2 Option: Events.exe

It's useful to obtain an `.ace` trace in text format.

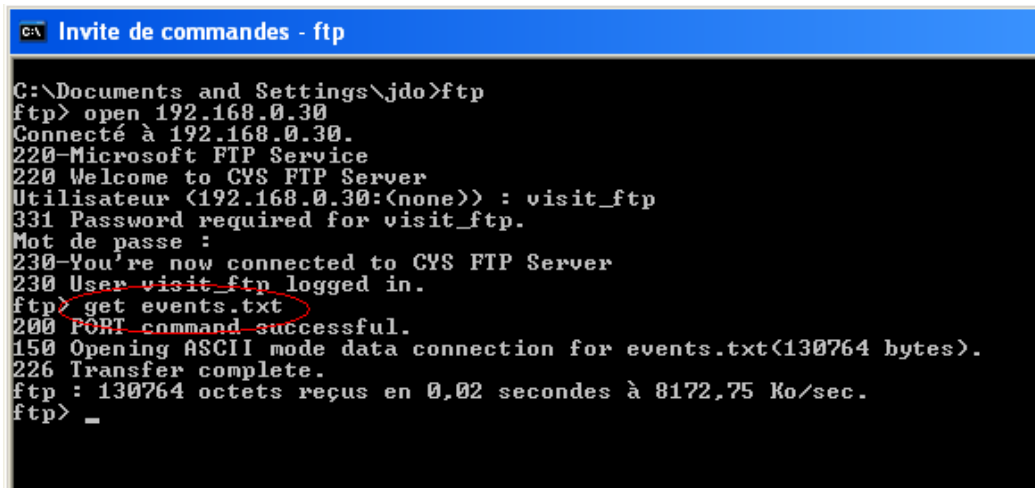
The API-C provide a User-Program recording events in text format. This add-on can be used automatically "on line", to convert the current binary trace, or "off line" from command line to convert a previously recorded trace. The result is an

events.txt file. It will be generated by using the user program EVENTS.EXE in automatic parallel mode: it is invoked on-line by the manager, and it converts events from the ace file in real time.

For more informations, see application note: Auto-Record trace in text format (PDF note).

## 5. Transfer result

The result will be transferred by using ftp connection (pia file, events.txt ...).



```
C:\Documents and Settings\jdo>ftp
ftp> open 192.168.0.30
Connecté à 192.168.0.30.
220-Microsoft FTP Service
220 Welcome to CYS FTP Server
Utilisateur (192.168.0.30:(none)) : visit_ftp
331 Password required for visit_ftp.
Mot de passe :
230-You're now connected to CYS FTP Server
230 User visit_ftp logged in.
ftp> get events.txt
200 PORT command successful.
150 Opening ASCII mode data connection for events.txt(130764 bytes).
226 Transfer complete.
ftp : 130764 octets reçus en 0,02 secondes à 8172,75 Ko/sec.
ftp> _
```

Close ftp and telnet connections.