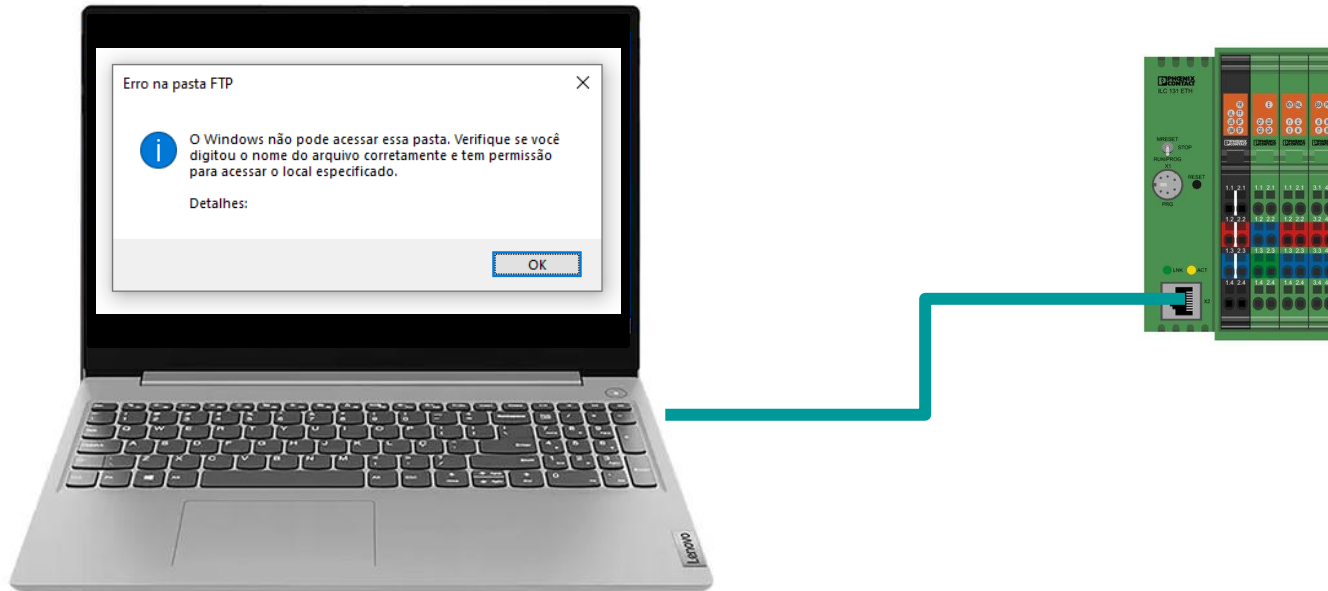
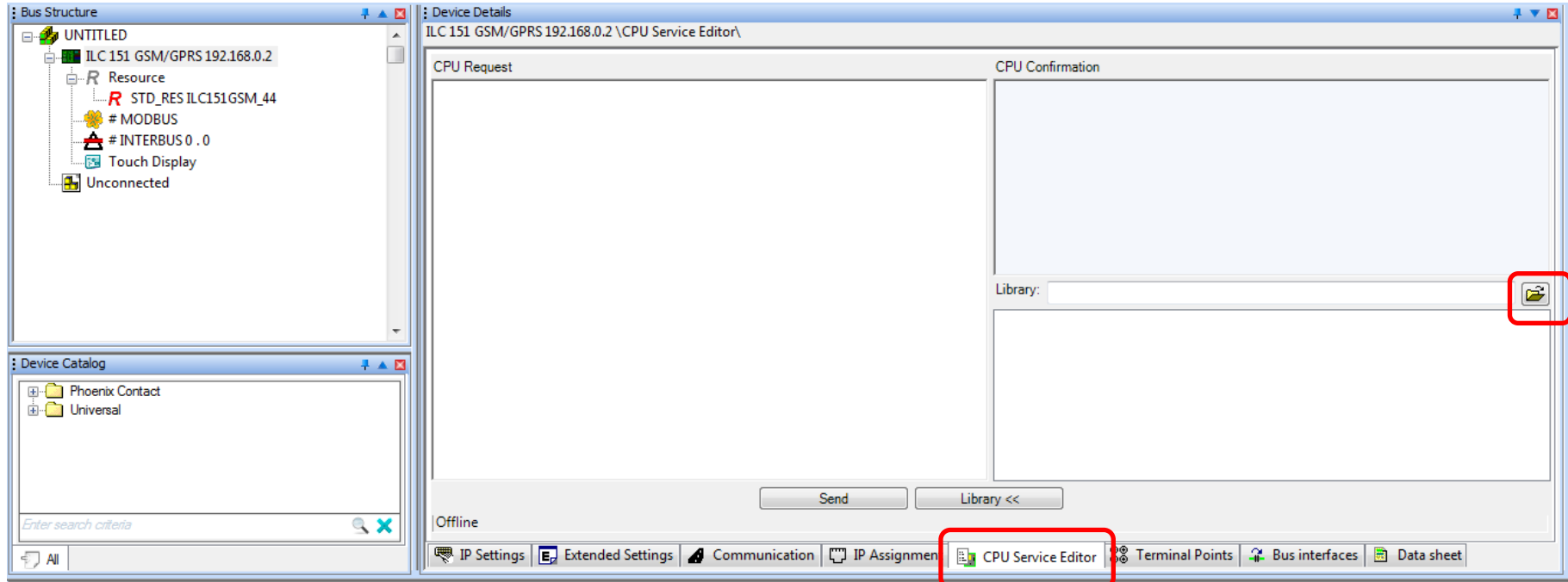


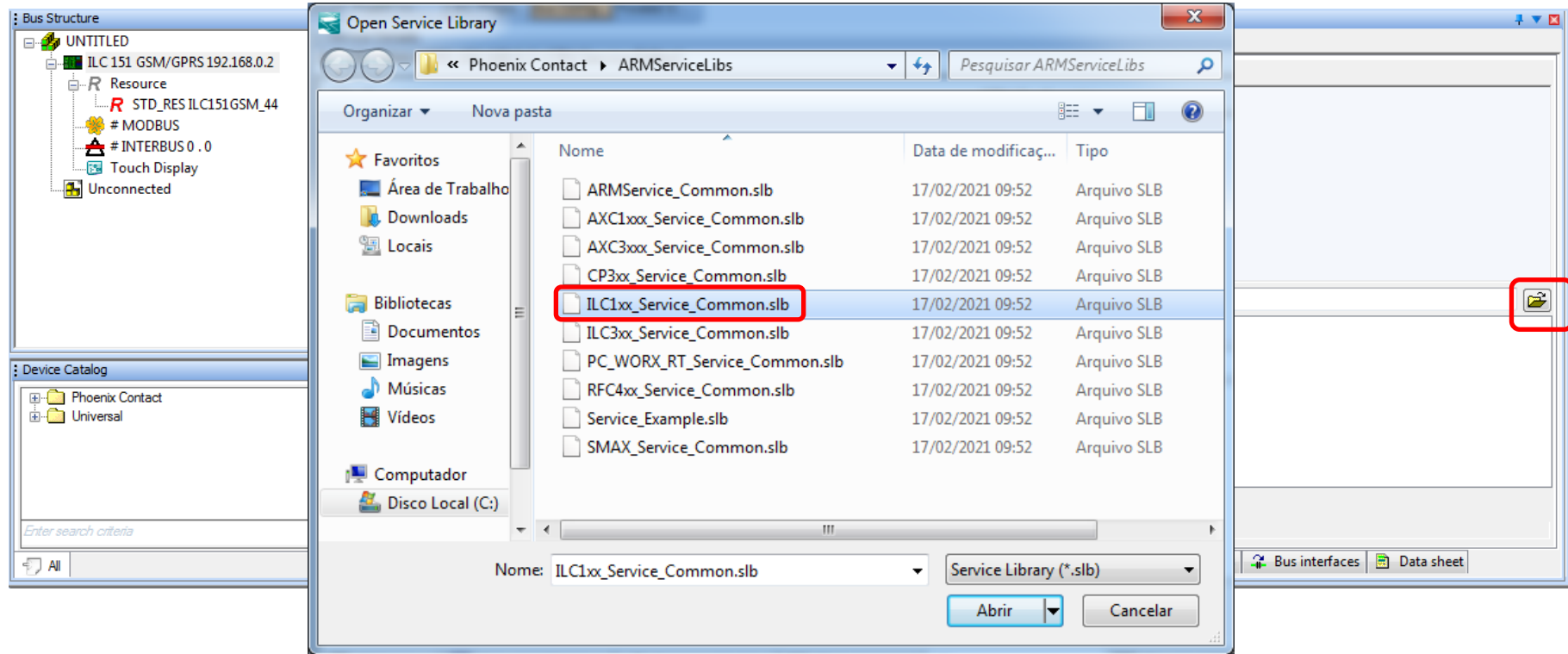
# Configuração de restrição de acesso FTP com usuário e senha



# Acessar via Bus Configuration / CPU Service Editor



# Buscar a biblioteca de serviços da respectiva família de CLP



# Duplo clique em CPU\_Set\_Value\_Request

The screenshot displays the Phoenix Contact software interface for configuring a CPU request. The main window is titled "Device Details" and shows the configuration for "ILC 151 GSM/GPRS 192.168.0.2 \CPU Service Editor\".

The "CPU Request" section contains the following configuration:

```
<CPU_Set_Value_Request>  
02CB (* Code *)  
xxxx (* Parameter Count *)  
x, (* Var Count *)  
xxxx (* Var ID ... *)  
xxxx (* Value ... *)
```

The "CPU Confirmation" section is currently empty.

The "Library" dropdown is set to "C:\ProgramData\Phoenix Contact\ARMServicesLibs\ILC1xx\_Service\_Common.slb". The library list includes the following items:

- CPU\_Delete\_File\_Request
- CPU\_Get\_IP\_Addr\_Request
- CPU\_Get\_RTC\_Request
- CPU\_Get\_Value\_Request
- CPU\_Get\_Version\_Info\_Request
- CPU\_Reset\_Controller\_Request
- CPU\_Set\_IP\_Addr\_Request
- CPU\_Set\_RTC\_Request
- CPU\_Set\_Value\_Request** (highlighted with a red box)
- Firmware\_Update

The "Device Catalog" on the left shows the project structure:

- UNTITLED
  - ILC 151 GSM/GPRS 192.168.0.5
    - Resource
      - STD\_RES ILC151GSM\_44
        - # MODBUS
        - # INTERBUS 0 . 0
        - Touch Display
        - Unconnected

The "Device Catalog" also shows the following structure:

- Phoenix Contact
- Universal

The bottom status bar indicates the current state is "Offline" and provides navigation options: IP Settings, Extended Settings, Communication, IP Assignment, CPU Service Editor, Terminal Points, Bus interfaces, and Data sheet.

# Configurar em hexadecimal os respectivos caracteres ASCII para *username e password*.

| ASCII control characters |     |                           |
|--------------------------|-----|---------------------------|
| DEC                      | HEX | Simbolo ASCII             |
| 00                       | 00h | NULL (carácter nulo)      |
| 01                       | 01h | SOH (inicio encabezado)   |
| 02                       | 02h | STX (inicio texto)        |
| 03                       | 03h | ETX (fin de texto)        |
| 04                       | 04h | EOT (fin transmisión)     |
| 05                       | 05h | ENQ (enquiry)             |
| 06                       | 06h | ACK (acknowledgement)     |
| 07                       | 07h | BEL (timbre)              |
| 08                       | 08h | BS (retroceso)            |
| 09                       | 09h | HT (tab horizontal)       |
| 10                       | 0Ah | LF (salto de línea)       |
| 11                       | 0Bh | VT (tab vertical)         |
| 12                       | 0Ch | FF (form feed)            |
| 13                       | 0Dh | CR (retorno de carro)     |
| 14                       | 0Eh | SO (shift Out)            |
| 15                       | 0Fh | SI (shift in)             |
| 16                       | 10h | DLE (data link escape)    |
| 17                       | 11h | DC1 (device control 1)    |
| 18                       | 12h | DC2 (device control 2)    |
| 19                       | 13h | DC3 (device control 3)    |
| 20                       | 14h | DC4 (device control 4)    |
| 21                       | 15h | NAK (negative acknowle.)  |
| 22                       | 16h | SYN (synchronous idle)    |
| 23                       | 17h | ETB (end of trans. block) |
| 24                       | 18h | CAN (cancel)              |
| 25                       | 19h | EM (end of medium)        |
| 26                       | 1Ah | SUB (substitute)          |
| 27                       | 1Bh | ESC (escape)              |
| 28                       | 1Ch | FS (file separator)       |
| 29                       | 1Dh | GS (group separator)      |
| 30                       | 1Eh | RS (record separator)     |
| 31                       | 1Fh | US (unit separator)       |
| 127                      | 20h | DEL (delete)              |

| ASCII printable characters |     |         |     |     |         |     |     |         |
|----------------------------|-----|---------|-----|-----|---------|-----|-----|---------|
| DEC                        | HEX | Simbolo | DEC | HEX | Simbolo | DEC | HEX | Simbolo |
| 32                         | 20h | espacio | 64  | 40h | @       | 96  | 60h | `       |
| 33                         | 21h | !       | 65  | 41h | A       | 97  | 61h | a       |
| 34                         | 22h | "       | 66  | 42h | B       | 98  | 62h | b       |
| 35                         | 23h | #       | 67  | 43h | C       | 99  | 63h | c       |
| 36                         | 24h | \$      | 68  | 44h | D       | 100 | 64h | d       |
| 37                         | 25h | %       | 69  | 45h | E       | 101 | 65h | e       |
| 38                         | 26h | &       | 70  | 46h | F       | 102 | 66h | f       |
| 39                         | 27h | '       | 71  | 47h | G       | 103 | 67h | g       |
| 40                         | 28h | (       | 72  | 48h | H       | 104 | 68h | h       |
| 41                         | 29h | )       | 73  | 49h | I       | 105 | 69h | i       |
| 42                         | 2Ah | *       | 74  | 4Ah | J       | 106 | 6Ah | j       |
| 43                         | 2Bh | +       | 75  | 4Bh | K       | 107 | 6Bh | k       |
| 44                         | 2Ch | ,       | 76  | 4Ch | L       | 108 | 6Ch | l       |
| 45                         | 2Dh | -       | 77  | 4Dh | M       | 109 | 6Dh | m       |
| 46                         | 2Eh | .       | 78  | 4Eh | N       | 110 | 6Eh | n       |
| 47                         | 2Fh | /       | 79  | 4Fh | O       | 111 | 6Fh | o       |
| 48                         | 30h | 0       | 80  | 50h | P       | 112 | 70h | p       |
| 49                         | 31h | 1       | 81  | 51h | Q       | 113 | 71h | q       |
| 50                         | 32h | 2       | 82  | 52h | R       | 114 | 72h | r       |
| 51                         | 33h | 3       | 83  | 53h | S       | 115 | 73h | s       |
| 52                         | 34h | 4       | 84  | 54h | T       | 116 | 74h | t       |
| 53                         | 35h | 5       | 85  | 55h | U       | 117 | 75h | u       |
| 54                         | 36h | 6       | 86  | 56h | V       | 118 | 76h | v       |
| 55                         | 37h | 7       | 87  | 57h | W       | 119 | 77h | w       |
| 56                         | 38h | 8       | 88  | 58h | X       | 120 | 78h | x       |
| 57                         | 39h | 9       | 89  | 59h | Y       | 121 | 79h | y       |
| 58                         | 3Ah | :       | 90  | 5Ah | Z       | 122 | 7Ah | z       |
| 59                         | 3Bh | ;       | 91  | 5Bh | [       | 123 | 7Bh | {       |
| 60                         | 3Ch | <       | 92  | 5Ch | \       | 124 | 7Ch |         |
| 61                         | 3Dh | =       | 93  | 5Dh | ]       | 125 | 7Dh | }       |
| 62                         | 3Eh | >       | 94  | 5Eh | ^       | 126 | 7Eh | ~       |
| 63                         | 3Fh | ?       | 95  | 5Fh | -       |     |     |         |

[theasciicode.com.ar](http://theasciicode.com.ar)

| Extended ASCII characters |     |         |     |     |         |     |     |         |     |     |         |
|---------------------------|-----|---------|-----|-----|---------|-----|-----|---------|-----|-----|---------|
| DEC                       | HEX | Simbolo | DEC | HEX | Simbolo | DEC | HEX | Simbolo | DEC | HEX | Simbolo |
| 128                       | 80h | Ç       | 160 | A0h | á       | 192 | C0h | Ł       | 224 | E0h | Ò       |
| 129                       | 81h | ü       | 161 | A1h | í       | 193 | C1h | ł       | 225 | E1h | ó       |
| 130                       | 82h | é       | 162 | A2h | ó       | 194 | C2h | ł       | 226 | E2h | Ô       |
| 131                       | 83h | â       | 163 | A3h | ú       | 195 | C3h | ł       | 227 | E3h | Õ       |
| 132                       | 84h | à       | 164 | A4h | ñ       | 196 | C4h | ł       | 228 | E4h | ö       |
| 133                       | 85h | ä       | 165 | A5h | Ñ       | 197 | C5h | ł       | 229 | E5h | Ï       |
| 134                       | 86h | å       | 166 | A6h | *       | 198 | C6h | ł       | 230 | E6h | µ       |
| 135                       | 87h | ç       | 167 | A7h | °       | 199 | C7h | ł       | 231 | E7h | þ       |
| 136                       | 88h | è       | 168 | A8h | ¿       | 200 | C8h | ł       | 232 | E8h | ÿ       |
| 137                       | 89h | ë       | 169 | A9h | ®       | 201 | C9h | ł       | 233 | E9h | Û       |
| 138                       | 8Ah | è       | 170 | AAh | ¬       | 202 | CAh | ł       | 234 | EAh | Ü       |
| 139                       | 8Bh | ï       | 171 | ABh | ½       | 203 | CBh | ł       | 235 | EBh | Ý       |
| 140                       | 8Ch | ì       | 172 | ACH | ¼       | 204 | Ch  | ł       | 236 | ECh | ÿ       |
| 141                       | 8Dh | í       | 173 | ADh | ¡       | 205 | CDh | ł       | 237 | EDh | ÿ       |
| 142                       | 8Eh | Ā       | 174 | Aeh | «       | 206 | CEh | ł       | 238 | Eeh | ·       |
| 143                       | 8Fh | Ā       | 175 | Afh | »       | 207 | CFh | ł       | 239 | Efh | ·       |
| 144                       | 90h | Ē       | 176 | B0h | ⋮       | 208 | D0h | ł       | 240 | F0h | ·       |
| 145                       | 91h | æ       | 177 | B1h | ⋮       | 209 | D1h | ł       | 241 | F1h | ±       |
| 146                       | 92h | Æ       | 178 | B2h | ⋮       | 210 | D2h | ł       | 242 | F2h | ·       |
| 147                       | 93h | ø       | 179 | B3h | ⋮       | 211 | D3h | ł       | 243 | F3h | ¼       |
| 148                       | 94h | ò       | 180 | B4h | ⋮       | 212 | D4h | ł       | 244 | F4h | ½       |
| 149                       | 95h | ó       | 181 | B5h | ⋮       | 213 | D5h | ł       | 245 | F5h | ¾       |
| 150                       | 96h | ù       | 182 | B6h | ⋮       | 214 | D6h | ł       | 246 | F6h | ÷       |
| 151                       | 97h | ú       | 183 | B7h | ⋮       | 215 | D7h | ł       | 247 | F7h | ·       |
| 152                       | 98h | ÿ       | 184 | B8h | ⋮       | 216 | D8h | ł       | 248 | F8h | ·       |
| 153                       | 99h | Œ       | 185 | B9h | ⋮       | 217 | D9h | ł       | 249 | F9h | ·       |
| 154                       | 9Ah | Œ       | 186 | BAh | ⋮       | 218 | DAh | ł       | 250 | FAh | ·       |
| 155                       | 9Bh | ø       | 187 | BBh | ⋮       | 219 | DBh | ł       | 251 | FBh | ·       |
| 156                       | 9Ch | £       | 188 | BCh | ⋮       | 220 | DCh | ł       | 252 | FCh | ·       |
| 157                       | 9Dh | Ø       | 189 | BDh | ⋮       | 221 | DDh | ł       | 253 | FDh | ·       |
| 158                       | 9Eh | x       | 190 | BEh | ⋮       | 222 | DEh | ł       | 254 | FEh | ·       |
| 159                       | 9Fh | f       | 191 | BFh | ⋮       | 223 | DFh | ł       | 255 | FFh | ·       |

Fonte: [https://www.ufrgs.br/wiki-r/images/d/d9/Tipos\\_de\\_dados%2CTipos\\_primarios\\_-\\_Raw.png](https://www.ufrgs.br/wiki-r/images/d/d9/Tipos_de_dados%2CTipos_primarios_-_Raw.png)

**Configurar em hexadecimal os respectivos caracteres ASCII para *username* e *password*.**

**EXEMPLO:**

**USER = 55 53 45 52**

**PASS = 50 41 53 53**

# Editar parâmetros a serem enviados

**Bus Structure**

- UNTITLED
  - ILC 151 GSM/GPRS 192.168.0.5
    - Resource
      - STD\_RES ILC151GSM\_44
        - MODBUS
        - INTERBUS 0 . 0
        - Touch Display
        - Unconnected

**Device Details**  
ILC 151 GSM/GPRS 192.168.0.2 \CPU Service Editor\

**CPU Request**

```
<CPU_Set_Value_Request>  
02CB (* Code *)  
xxxx (* Parameter Count *)  
  
1 (* Var Count *)  
019A (* ID da operação*)  
0455 (*04:comprimento e 55:caractere U*)  
5345 (*53:caractere S e 45:caractere E*)  
5304 (*52:caractere R e 04:comprimento *)  
5041 (*50:caractere P e 41:caractere A*)  
5353 (*53:caractere S e 53:caractere S *)
```

**CPU Confirmation**

Library: C:\ProgramData\Phoenix Contact\VARMServicesLibs\ILC1xx\_Service\_Common.slb

- CPU\_Delete\_File\_Request
- CPU\_Get\_IP\_Addr\_Request
- CPU\_Get\_RTC\_Request
- CPU\_Get\_Value\_Request
- CPU\_Get\_Version\_Info\_Request
- CPU\_Reset\_Controller\_Request
- CPU\_Set\_IP\_Addr\_Request
- CPU\_Set\_RTC\_Request
- CPU\_Set\_Value\_Request**
- Firmware\_Update

Offline

Send Library <<

IP Settings Extended Settings Communication IP Assignment CPU Service Editor Terminal Points Bus interfaces Data sheet

# Enviar parâmetros configurados

The screenshot displays the Phoenix Contact ILC 151 GSM/GPRS software interface. The main window is titled "Device Details" and shows the "CPU Service Editor" for the device "ILC 151 GSM/GPRS 192.168.0.2".

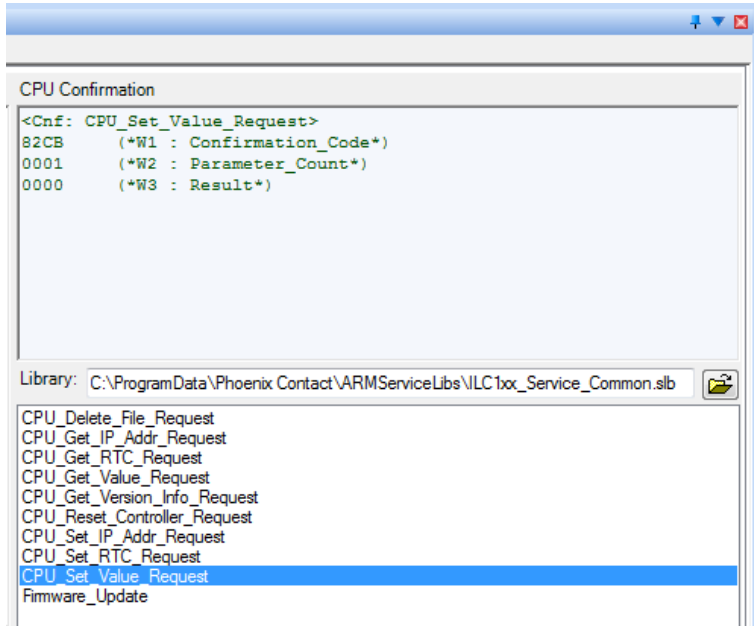
The interface is divided into several panes:

- Bus Structure:** Shows the device hierarchy, including "Resource", "STD\_RES ILC151GSM\_44", "# MODBUS", "# INTERBUS 0..0", "Touch Display", and "Unconnected".
- Device Catalog:** Shows the device catalog with "Phoenix Contact" and "Universal" folders.
- CPU Request:** Displays the request code and parameters for the "CPU\_Set\_Value\_Request". The request code is "02CB" and the parameters are "xxxxx" (Parameter Count), "1," (Var Count), "019A" (Var ID), "0455" (length username and username), "5345" (length password and username), "5204" (length password and username), "5041", and "5353".
- CPU Confirmation:** Displays the confirmation code and parameters for the "CPU\_Set\_Value\_Request". The confirmation code is "82CB" and the parameters are "0001" (Confirmation Code), "0000" (Parameter\_Count), and "0000" (Result).
- Library:** Shows the library path "C:\ProgramData\Phoenix Contact\VARMServicesLibs\ILCbox\_Service\_Common.slb" and a list of service requests, including "CPU\_Delete\_File\_Request", "CPU\_Get\_IP\_Addr\_Request", "CPU\_Get\_RTC\_Request", "CPU\_Get\_Value\_Request", "CPU\_Get\_Version\_Info\_Request", "CPU\_Reset\_Controller\_Request", "CPU\_Set\_IP\_Addr\_Request", "CPU\_Set\_RTC\_Request", "CPU\_Set\_Value\_Request" (highlighted), and "Firmware\_Update".

The "Send" button is highlighted with a red rectangle, indicating the action to be performed. The status bar at the bottom shows "Online" and various tabs like "IP Settings", "Extended Settings", "Communication", "IP Assignment", "CPU Service Editor", "Terminal Points", "Bus interfaces", and "Data sheet".



# Confirmação de parâmetros configurados



Após a confirmação

Desligar e ligar o CLP para que ele assuma os parâmetros

# Para desativar o usuário e senha configurada

The screenshot displays the Phoenix Contact ILC 151 CPU Service Editor interface. The main window is titled "Device Details" and shows the configuration for "ILC 151 GSM/GPRS 192.168.0.2 \CPU Service Editor\".

**Bus Structure:** Shows a tree view with "UNTITLED" as the root, containing "ILC 151 GSM/GPRS 192.168.0.5". Underneath, there is a "Resource" folder containing "STD\_RES ILC151GSM\_44", "# MODBUS", "# INTERBUS 0 . 0", and "Touch Display". An "Unconnected" icon is also present.

**Device Catalog:** Shows a tree view with "Phoenix Contact" and "Universal" folders.

**CPU Request:** Displays the following configuration:

```
<CPU_Set_Value_Request>  
02CB (* Code *)  
xxxx (* Parameter Count *)  
:  
1 (* Var Count *)  
:  
019A (* ID da operação*)  
:  
0000 (* ... *)
```

**CPU Confirmation:** This area is currently empty.

**Library:** C:\ProgramData\Phoenix Contact\VARMServicesLibs\ILC1xx\_Service\_Common.slb

**Library List:**

- CPU\_Delete\_File\_Request
- CPU\_Get\_IP\_Addr\_Request
- CPU\_Get\_RTC\_Request
- CPU\_Get\_Value\_Request
- CPU\_Get\_Version\_Info\_Request
- CPU\_Reset\_Controller\_Request
- CPU\_Set\_IP\_Addr\_Request
- CPU\_Set\_RTC\_Request
- CPU\_Set\_Value\_Request**
- Firmware\_Update

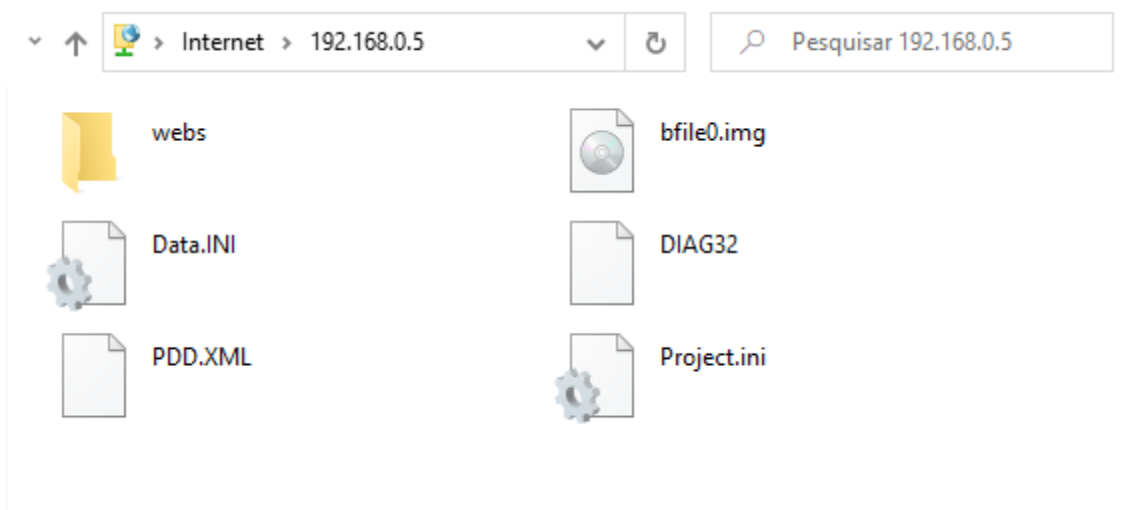
**Buttons:** "Send" and "Library <<"

**Status:** Offline

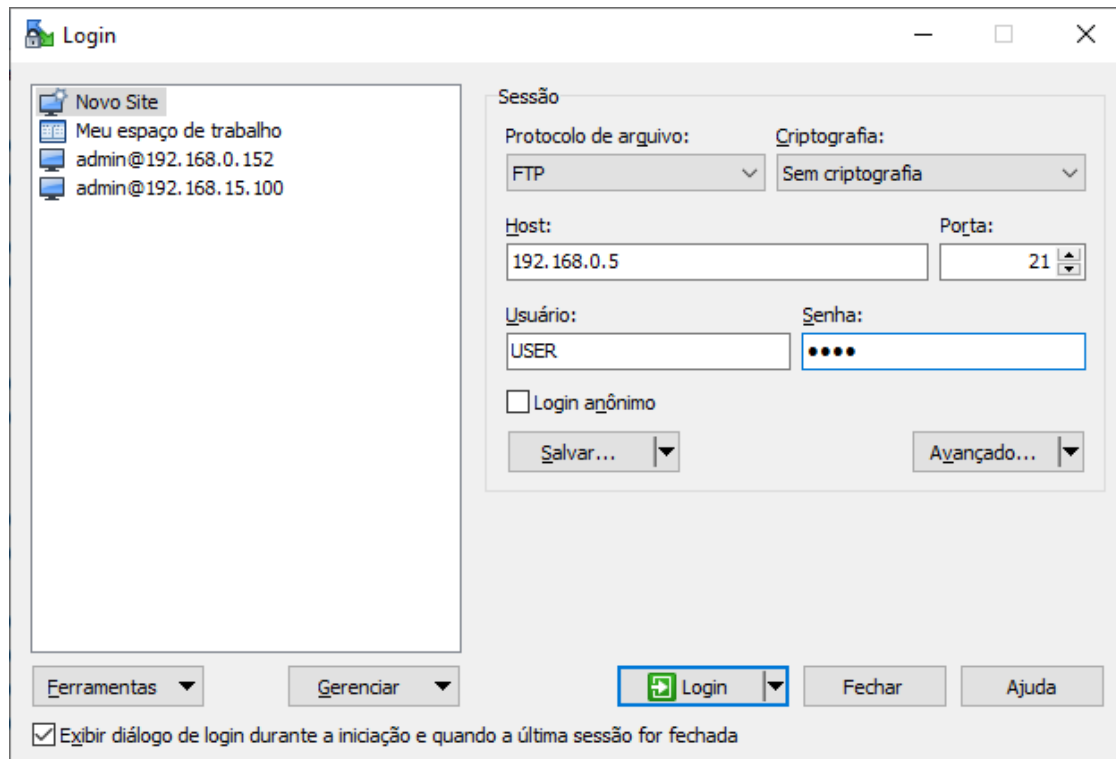
**Bottom Panel:** IP Settings | Extended Settings | Communication | IP Assignment | CPU Service Editor | Terminal Points | Bus interfaces | Data sheet

# Para fazer acesso através do Windows Explorer

<ftp://user:senha@IP>



# Para fazer acesso usando ferramenta WINSCP



# Pronto!!!

A restrição de acesso via FTP já está configurada.



***INSPIRING INNOVATIONS***

[www.phoenixcontact.com.br](http://www.phoenixcontact.com.br)