

3. Monitor and watch line button separator

Monitor (m) separator allows receptionist or assistant phone to monitor your ephone-dn and examine your currently calls. Receptionist can optionally take care about your call and take message for you.

Example of config is:

```
cme(config)#ephone-dn 1

cme(config-ephone-dn)#number 2001

cme(config-ephone-dn)#ephone-dn 2

cme(config-ephone-dn)#number 2002

cme(config-ephone-dn)#exit

cme(config)#ephone 1

cme(config-ephone)#button 1:1

cme(config-ephone)#ephone 2

cme(config-ephone)#button 1:2 2m1          – line 2 on
receptionist ephone monitor activity of ephone-dn 1

cme(config-ephone)# end
```

Possible problem will arise when there is 2 or more ephone-dn configured on monitored ephone. Then you need configure multiple monitor button on monitoring receptionist ephone.

Possible and preferred solution is configure watch phone (w) button options that does same thing with exception that it monitors all the ephone-dn instead of just one (m – mode).

Implementation of watch line feature for phone line in our testing environment:

1) *Configuration commands*



```
Dynamips(0): CME_Router, Console port
!
telephony-service
max-ephones 10
max-dn 10
ip source-address 172.16.0.20 port 2000
auto assign 1 to 2
system message VoIP training environment
max-conferences 4 gain -6
transfer-system full-consult
create cnf-files version-stamp Jan 01 2002 00:00:00
!
!
ephone-dn 1
number 100
name ciljak1
!
!
ephone-dn 2
number 101
name Ciljak2
!
!
ephone-dn 3
number 102
name Watching line asistent
!
!
ephone 1
no phone-ui speeddial-fastdial
no phone-ui snr
no multicast-moh
mac-address 001E.8C02.BD12
type CIPC
button 1:1 2:2      User 1 has 2 phone line
!
!
!
ephone 2
no phone-ui speeddial-fastdial
no phone-ui snr
no multicast-moh
mac-address 000C.2906.E749
type CIPC
button 1:3 2w1      Line 2 of asistent phone can detect both line activity of user
                    1 - better as with m mode (only one line is monitored)
!
!
```

2) *Look at prepared ephones in idle state*



3) Watch line activity during call on upper ephone (watch line is second line on bottom ephone that monitor upper ephone line active – call to 101 or 100 number)



Call to 101 Ciljak 2 ephone-dn on upper ephone



