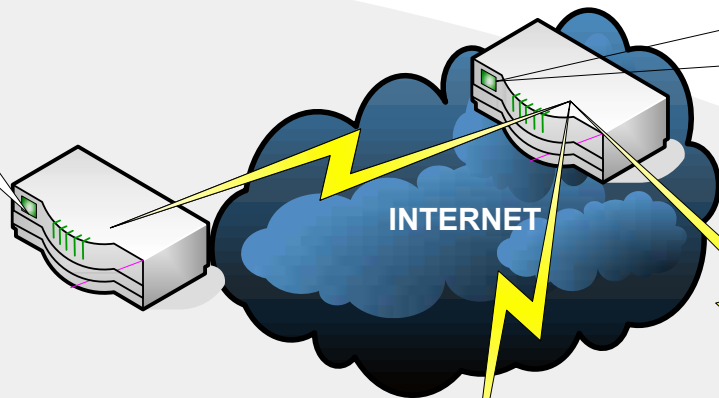




Schemat komunikacji awaryjnej z oddziałami RPWiK Tychy S. A. IPSec – 3Des

Allied Telesyn 410
Oddział Brzeszcze
ADSL 6MB/600KB
IP WAN: 62.233.133.188
MASK: 255.0.0.0
IP LAN: 192.168.43.1
Nr linii ADSL: 32 211 14 32
Nr linii ISDN: 32 211 14 66



Allied Telesyn 745
Centrala Tychy
BDI 20MB/20MB
IP WAN: 81.210.26.147
MASK: 255.255.255.248
IP LAN: 192.168.1.5
Nr linii ISDN: 32 784 65 99/994
Dyspozytor: 510-069-091
Nr linii Analog: 32 219 56 85
Nr linii ISDN: 32 227 40 31
Nr linii ISDN: 32 227 40 32
Nr linii ISDN: 32 227 40 33
ISDN Multi 30b+D: 32 325 70 00

Allied Telesyn 410
Oddział Bieruń
ADSL 6MB/900KB
IP: 62.148.77.70
MASK: 255.255.255.255
IP LAN: 192.168.41.1
Nr linii ADSL: 32 328 96 73
Nr linii ISDN: 32 326 96 32
Nr linii ISDN: 32 326 97 60

Allied Telesyn 410
Oddział Łaziska Górne
ADSL 10MB/1MB
IP: 62.148.76.75
MASK: 255.255.255.255
IP LAN: 192.168.40.1
Nr linii ADSL: 32 322 70 62
Nr linii ISDN: 32 224 18 37
Nr linii ISDN: 32 326 10 42

Konfiguracja Routera Allied Telesyn 410 - BRZESZCZE

```
add user=xxx pass=yyy priv=securityOfficer lo=yes
enable system security
create encr key=2 type=general len=62 random
create isakmp policy=isakmp_brzeszcze peer=81.210.26.147
authntype=preshared key=2 encalg=des hashalg=sha
set isakmp policy=isakmp_brzeszcze send=true setc=true
create ipsec sas=1 key=isakmp prot=esp enc=3des2key hash=sha
create ipsec bund=1 key=isakmp string="1"
create ipsec pol= isakmp int=eth0 ac=permit
set ipsec pol= isakmp lp=500 rp=500
create ipsec policy=brzeszcze int=eth0 ac=ipsec key=isakmp
bund=1 peer=81.210.26.147
set ipsec policy=brzeszcze lad=192.168.43.0 lma=255.255.255.0
rad=192.168.1.0 rma=255.255.255.0
create ipsec pol=internet int=eth0 ac=permit
enable isakmp
enable ipsec
```

```
add user=xxx pass=yyy priv=securityOfficer lo=yes
enable system security
create encr key=1,2,3,4,5 type=general len=62 random
create isakmp policy=isakmp_brzeszcze peer=62.233.133.188 authntype=preshared key=2 encalg=des hashalg=sha
set isakmp pol= isakmp_brzeszcze send=true setc=true
create isakmp policy=isakmp_bierun peer=62.148.77.70 authntype=preshared key=4 encalg=des hashalg=sha
set isakmp pol= isakmp_bierun send=true setc=true
create isakmp policy=isakmp_laziska peer=62.148.76.75 authntype=preshared key=5 encalg=des hashalg=sha
set isakmp pol= isakmp_laziska send=true setc=true
-----
create ipsec sas=1 key=isakmp prot=esp enc=3des2key hash=sha
create ipsec bund=1 key=isakmp string="1"
create ipsec pol=isakmp int=eth1 ac=permit
set ipsec pol= isakmp lp=500 rp=500
-----
create ipsec policy=brzeszcze int=eth1 ac=ipsec key=isakmp bund=1 peer=62.233.133.188
set ipsec policy=brzeszcze lad=192.168.1.0 lma=255.255.255.0 rad=192.168.43.0 rma=255.255.255.0
create ipsec policy=bierun int=eth1 ac=ipsec key=isakmp bund=1 peer=62.148.77.70
set ipsec policy=bierun lad=192.168.1.0 lma=255.255.255.0 rad=192.168.41.0 rma=255.255.255.0
create ipsec policy=laziska int=eth1 ac=ipsec key=isakmp bund=1 peer=62.148.76.75
set ipsec policy=laziska lad=192.168.1.0 lma=255.255.255.0 rad=192.168.40.0 rma=255.255.255.0
create ipsec policy=internet int=eth1 ac=permit
enable isakmp
enable ipsec
```

Konfiguracja Routera Allied Telesyn 745 - TYCHY

Konfiguracja Routera Allied Telesyn 410 - ŁAZISKA GÓRNE

```
add user=xxx pass=yyy priv=securityOfficer lo=yes
enable system security
create encr key=5 type=general len=62 random
create isakmp policy=isakmp_laziska peer=81.210.26.147
authntype=preshared key=5 encalg=des hashalg=sha
set isakmp policy=isakmp_laziska send=true setc=true
create ipsec sas=1 key=isakmp prot=esp enc=3des2key hash=sha
create ipsec bund=1 key=isakmp string="1"
create ipsec pol= isakmp int=eth0 ac=permit
set ipsec pol= isakmp lp=500 rp=500
create ipsec policy=brzeszcze int=eth0 ac=ipsec key=isakmp
bund=1 peer=81.210.26.146
set ipsec policy=laziska lad=192.168.40.0 lma=255.255.255.0
rad=192.168.1.0 rma=255.255.255.0
create ipsec pol=internet int=eth0 ac=permit
enable isakmp
enable ipsec
```




Konfiguracja Routera Allied Telesyn 410 - BIERUŃ

```
add user=xxx pass=yyy priv=securityOfficer lo=yes
enable system security
create encr key=4 type=general len=62 random
create isakmp policy=isakmp_bierun peer=81.210.26.147
authntype=preshared key=4 encalg=des hashalg=sha
set isakmp policy=isakmp_bierun send=true setc=true
create ipsec sas=1 key=isakmp prot=esp enc=3des2key hash=sha
create ipsec bund=1 key=isakmp string="1"
create ipsec pol= isakmp int=eth0 ac=permit
set ipsec pol= isakmp lp=500 rp=500
create ipsec policy=bierun int=eth0 ac=ipsec key=isakmp
bund=1 peer=81.210.26.147
set ipsec policy=brzeszcze lad=192.168.41.0 lma=255.255.255.0
rad=192.168.1.0 rma=255.255.255.0
create ipsec pol=internet int=eth0 ac=permit
enable isakmp
enable ipsec

add ip int=eth1 ip=62.148.77.70 mask=255.255.255.255
add ip rou=0.0.0.0 mask=0.0.0.0 int=eth1 next=62.148.77.0
```

Legenda

Elementy komunikacji z oddziałami RPWiK Tychy S. A.

| Symbol | Liczba | Opis |
|--|--------|-------------------------------------|
|  | 4 | Łączy komunikacyjne BDI, ADSL Netia |
|  | 4 | Router |
|  | 1 | Chmura |