T2MI N+1 NORMAL OPERATION

SERVER A

MAIN
Vplay 4 with 1 channel

T2MI 1

SERVER B

MIRROR
Vplay 4 with 1 channel

T2MI 2

OUTPUT

SERVER “B” FAILS

SERVER A

MAIN
Vplay 4 with 1 channel

T2MI 1

SERVER B

MIRROR
Vplay 4 with 1 channel

T2MI 2

OUTPUT

SERVER “A” FAILS

SERVER A

MAIN
Vplay 4 with 1 channel

T2MI 1

SERVER B

MIRROR
Vplay 4 with 1 channel

T2MI 2

OUTPUT

SERVER B +1

MIRROR
Vplay 4 with 1 channel

T2MI 2

an infinite amount

SERVER B +2

MIRROR
Vplay 4 with 1 channel

T2MI 2
SERVER #1
MAIN
VPlay 4
with 2 channels
T2MI #1
(MPEG-TS Remultiplexing)
225.0.0.0
MAIN OUTPUT
(Ch1+Ch2+streams from 230.1122.33)
224.0.0.1
Channel A
224.0.0.2
Channel B
230.1122.33 - external multicast
Local Network
(Giga bit switch)
224.0.1.1
Channel A
224.0.1.2
Channel B
225.0.0.0
MAIN OUTPUT
(Ch1+Ch2+streems from 230.1122.33)
224.0.2.1
Channel A
224.0.2.2
Channel B
225.0.0.0
MAIN OUTPUT
(Ch1+Ch2+streems from 230.1122.33)
225.0.0.0
BACKUP output
(will be activated if server #1 fails)

SERVER #2
BACKUP
VPlay 4
with 2 channels
T2MI #2
(MPEG-TS Remultiplexing)
Backups server #1
225.0.0.0
(Checks server #1 status)