

The Phone:

$$Mobile(talk, switch) \Leftarrow talk!\langle \rangle . Mobile\langle talk, switch \rangle + switch?(t, s) . Mobile\langle t, s \rangle$$

The Tower:

$$\begin{aligned} ActiveT(talk, switch, gain, lose) &\Leftarrow talk?().ActiveT\langle talk, switch, gain, lose \rangle \\ &\quad + lose?(t, s).switch!\langle t, s \rangle . IdleT\langle gain, lose \rangle \\ IdleT(gain, lose) &\Leftarrow gain?(t, s).ActiveT\langle t, s, gain, lose \rangle \end{aligned}$$

The Server:

$$\begin{aligned} Server_1 &\Leftarrow lose_1!\langle talk_2, switch_2 \rangle . gain_2!\langle talk_2, switch_2 \rangle . Server_2 \\ Server_2 &\Leftarrow lose_2!\langle talk_1, switch_1 \rangle . gain_1!\langle talk_1, switch_1 \rangle . Server_1 \end{aligned}$$