Example: An airport security system

Model in SimQuick:

Entrances:

	1
Name →	Arrivals
Time between arrivals →	Exp(0.5)
Num. objects per arrival →	1
Output destination(s) ↓	
Line 1	

Buffers:

1			2			3	
Name →	Line 1		**Name →**	Line 2		**Name →**	Done
Capacity →	Unlimited		Capacity →	Unlimited		Capacity →	Unlimited
Initial # objects →	0		Initial # objects →	0		Initial # objects →	0
Output destination(s) ↓	Output group size ↓		Output destination(s) ↓	Output group size ↓		Output destination(s) ↓	Output group size ↓
Insp 1	1		Add Insp 1	1			
Insp 2	1		Add Insp 2	1			

Work Stations:

	1						2		
	Name →	Insp 1					**Name →**	Insp 2	
	Working time →	Nor(1,0.1)					Working time →	Nor(1,0.1)	
Output destination(s) ↓	# of output objects ↓	Resource name(s) ↓	Resource # units needed ↓			Output destination(s) ↓	# of output objects ↓	Resource name(s) ↓	Resource # units needed ↓
DP	1					DP	1		

	3						4		
	Name →	Add Insp 1					**Name →**	Add Insp 2	
	Working time →	Nor(5,1)					Working time →	Nor(5,1)	
Output destination(s) ↓	# of output objects ↓	Resource name(s) ↓	Resource # units needed ↓			Output destination(s) ↓	# of output objects ↓	Resource name(s) ↓	Resource # units needed ↓
Done	1					Done	1		

Decision Point:

	1
Name →	DP
Output destinations ↓	Percents ↓
Line 2	10
Done	90

Simulation controls:	
Time units per simulation →	120
Number of simulations →	50