# Busy Server State Variable Model

## Parameters

* {tA} – interarrival times
* k – total number of servers
* {tS} – service times

## State Variables

* Q = number in Queue (0)
* B = number of busy servers (0)

## Event Graph



# One State Variable Model

## Parameters

* {tA} – interarrival times
* k – total number of servers
* {tS} – service times

## State Variable

* L = number of customers in system (0)

## Event Graph

