

**CONTEXT**

Context3

**EXTENDS**

Context2

**SETS**

USERS

ROLES

MODES

**CONSTANTS**

SUPERVISOR

OPERATOR

AUTOMATED

MONITORED

SUPERVISED

**AXIOMS***axm1 : finite(USERS) // REQ 14**axm2 : USERS  $\neq \emptyset$* *axm3 : partition(ROLES, {SUPERVISOR}, {OPERATOR}) // REQ 14**axm4 : partition(MODES, {AUTOMATED}, {MONITORED}, {SUPERVISED})***END**