

Sequential Occupancy and Managed Queue Environments

MQT-TN-11 · Second revision

Scope

Queue Technologies treats waiting as a managed sequence of access conditions. The environment is evaluated through approach, recognition, entry, sequence, dwell, advancement and departure. APPROACH ENTRY DWELL ADVANCE DEPARTURE Figure 1. Sequential occupancy is a progression. Each transition has an observable condition.

Method

MQT uses the PCP access envelope to test approach and return conditions. Meridian Ambient evaluates background continuity where recognition or dwell may be affected. Button & Interface reviews controls when a queue includes a human-initiated release, call or confirmation point. Sequential occupancy vocabulary Condition Review question Approach Can the expected entry direction be recognized without creating a second sequence? Recognition Is the next available position apparent under ordinary ambient conditions? Dwell Can a person remain in sequence without occupying another access envelope? Advancement Does movement preserve order and response certainty?

Revision history

2011 / First issue Defined managed standing-hour and sequential occupancy. 2016 / Handoff revision Added PCP access-envelope and control-availability language. 2023 / Current edition Added recognition and departure conditions following SCR-6 adoption.

Related publications

See PCP-87-24 , SCR-6 and OAI-98-22 .