

# 2nd Generation Agent-Based Modelling for Improving APOC Operations

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# Outline

## 1 Introduction

## 2 Model

## 3 Results

# Introduction

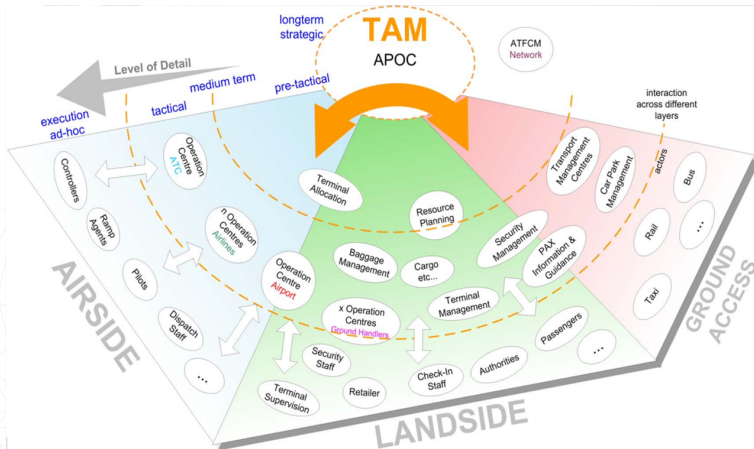


Figure – Total Airport Management (TAM).

# Model

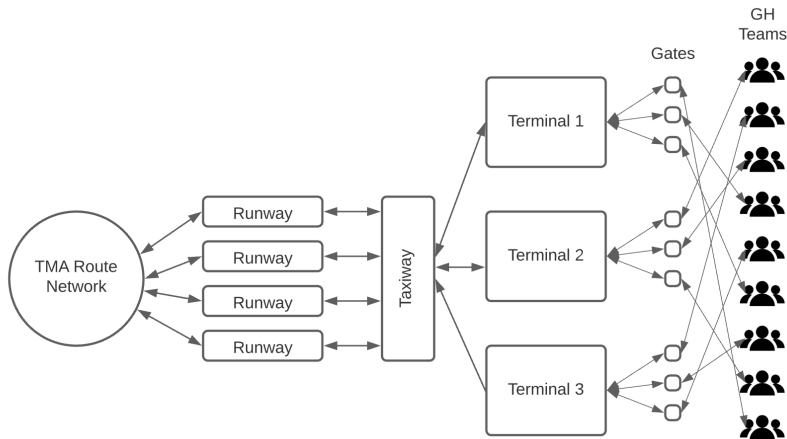


Figure – Model Representation

# Model

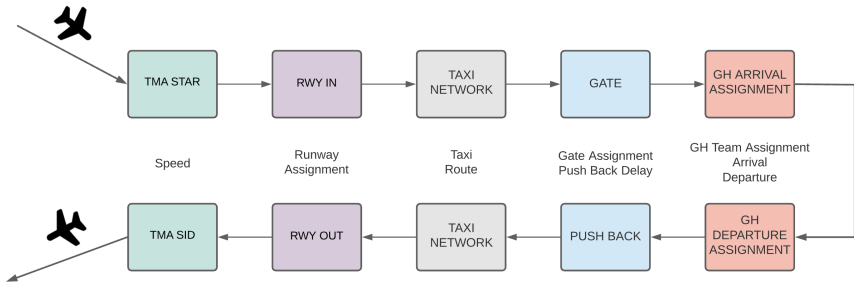


Figure – Simulation Optimization Process for each aircraft

# Results

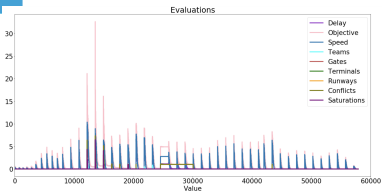


Figure – Evaluation

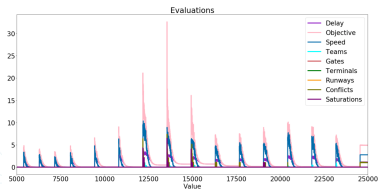


Figure – Evaluation Morning

# Results

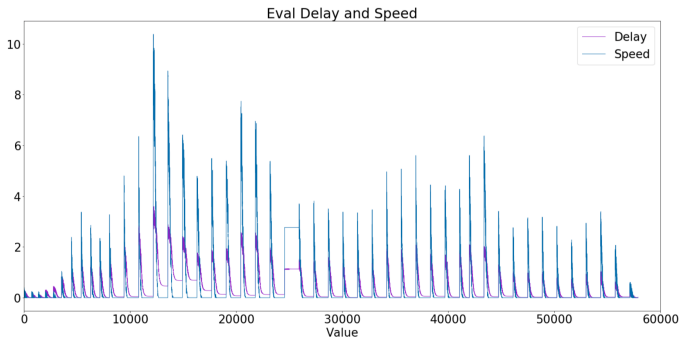


Figure – Evaluation Delay and Speed

## Conferences

- ICRAT 2020
- EMSS 2020
- ENGAGE Summer School 2020
- ENGAGE Summer School 2021