

Technology matured by



AUTOMATED FLEET MANAGEMENT ALGORITHM FOR COMMUNICATING SYSTEMS

CPS

AUTOMATION

SMART MANAGEMENT

CYSCOOP is a **fleet management AI** that enables **consensus and self-configuration processes for automated and optimized task allocation**. It maximizes mission performance based on various parameters. CYSCOOP supports mission management for systems ranging from autonomous robots to human resources (provided they are equipped with communication solutions).

It adds value to fleet management tools by:

- addressing the constraints and issues associated with consensus management
- supervising a fleet of communicating systems in highly dynamic environments to handle unforeseen events and ensure system resilience
- automating dynamic task allocation based on the mission and the capabilities of each system, enabling cooperation between systems to solve complex scenarios through autonomous decision-making (or with operator validation)



Partnership: Licensing agreement

IP: APP filing

TRL: 4