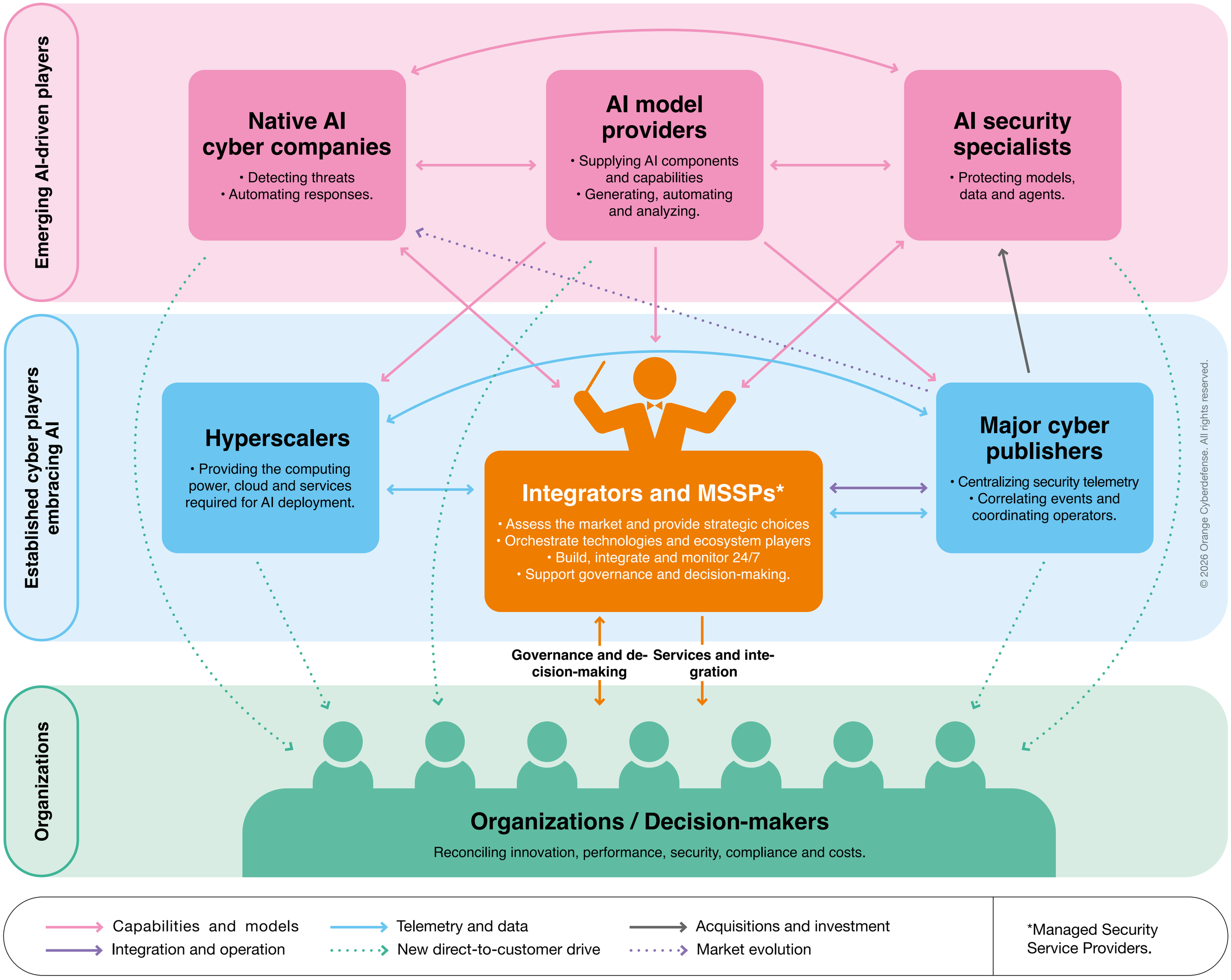Orchestrating the AI five