



Clockwork Group Completes Successful Work on Drone for France

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France has selected Israel Aircraft Industries' Eagle-1 drone in a deal worth \$40-\$50M. The Eagle-1 will be manufactured jointly by IAI and the European consortium EADS.

The Eagle-1 has a range of 1000 kilometers and can fly 30 hours depending on payload. It has all-weather, automatic take-off and landing capability and can provide real-time intelligence. It can carry an explosive payload as well as laser illumination, radar, TV, and IR optical systems.

Clockwork's senior modeler, Avinoam Doron, was instrumental in applying SPAR technology to complex availability problems given numerous operations scenarios. Clockwork's contribution to the successful bid allowed Israel Aircraft Industries to calculate and then reduce the costs of meeting France's demanding performance criteria for the drone considering operations profiles, spare parts budgets and availability, maintenance regimes, and other factors.