



THE 8TH INTERNATIONAL CONFERENCE AND EXHIBITION ON UNMANNED SYSTEMS

More Civilian, More Commercial, More International

November 7, 2019 // Avenue Convention Center,
Airport City, Israel



ISRAEL
DRONE
ALLIANCE





Since 2012 - Annual,
Consecutive.



Civil Solutions



Defense Solutions



Air, Land, Sea



Strategic Vision,
Innovation, Force
Built-up & Operation



Strong Collaborations



Future Gen. &
Educational initiatives



Premier meeting place -
Industry Leaders,
Policymakers, Stakeholders
and Community

2018



25 Countries



50 Exhibitors



2,500 Participants (15,000)



INTERNATIONAL CONFERENCE ON UNMANNED VEHICLES

UVID 2018

UVID ISRAELDEFENSE AUYSI

UVID Excellence מרכז מע
Israel Drones Alliance האיגוד הישראלי לכטב"ם
Regulation Infrastructure Innovation Academy & Education Finance, R&D Professions International Comm. etc



UVID UAV Center of Excellence מרכז פצוינות לכטב"ם
Israel Drones Alliance האיגוד הישראלי לכטב"ם
Regulation Infrastructure Innovation Academy & Education Finance, R&D Professions International Comm. etc



CONFERENCE

UVID 2019
INTERNATIONAL CONFERENCE ON UNMANNED VEHICLES



2018 - BRENDAN SCHULMAN, Vice President of Policy & Legal Affairs, DJI



MR. ALON UNGER, Founder and Chairman of the UVID Conference, Chairman & Co-Founder -IDA



2018 - LTC. REUT RETTIG-WEISS, Commander of the "Sky-Rider" Unit, IDF Artillery Corps



2017 - BRIG. GEN TOMER BAR, Chief of Air Staff, IDF



2018 - MS. RACHEL CHEN, Head of Defense Export Control Agency, IMOD



2015 - MR. PHIL BRYANT, Governor of Mississippi, USA



2017 - MR. ELAD AHARONSON, Executive VP and GM, ISTAR Division, Elbit Systems



2014 - Knesset member, DR. YUVAL STEINITZ - Israel Minister of Intelligence



2013 - MR. OPHIR SHOHAM, Head of DDR&D, IMOD



2015 - MR. RAFI MAOR, IAI Chairman



2015 - PROF. TAL ORON-GILAD, Head of the Department of Industrial Engineering and Management, BGU



2018 - BRIG. GEN. NIMROD SHIFRONI, Israeli Air Force



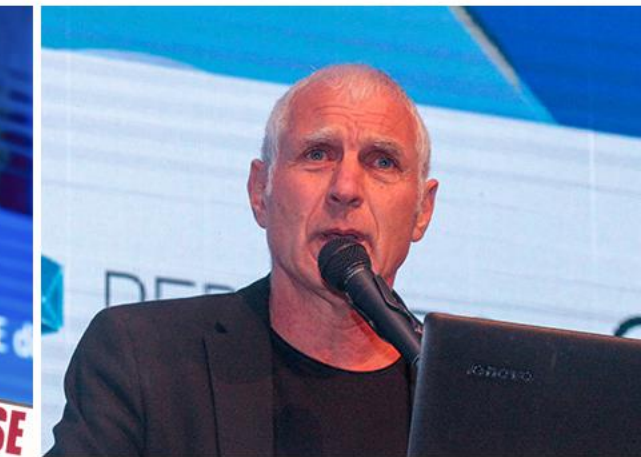
ALON KLUS, Chief Artillery Officer, IDF



2018 - BRIG. GEN. RES. EDEN ATTIAS, Chairman & Co-Founder, IDA; CEO, Parazero



2017 - EXECUTIVE VP RD&E DIVISION GM, Rafael Advanced Defense Systems



2018 - MK HAIM JELIN, Chairman of the Subcommittee of the Science & Technology Committee



2018 – MR. BENNY DAVIDOR, ICAA



2013 - MAJ. GEN. RET. IDO NEHUSHTAN, Former Commander of the IAF
V. ADM. RET. ELI MAROM, Former Commander of the Israeli Navy



2016 - HAIM COHEN, Director UAV Program Executive Office, DDR&D IMOD



2014 - BRIG. GEN. YOAV LAOR - Palmachim Airforce Base Commander, IAF



2014 - MR. DANIEL WEIHS, Distinguished Professor, Head of the Technion Autonomous Systems Program, Technion



2014 MR. RAN KRAUS, Aerobotics Founder & CEO

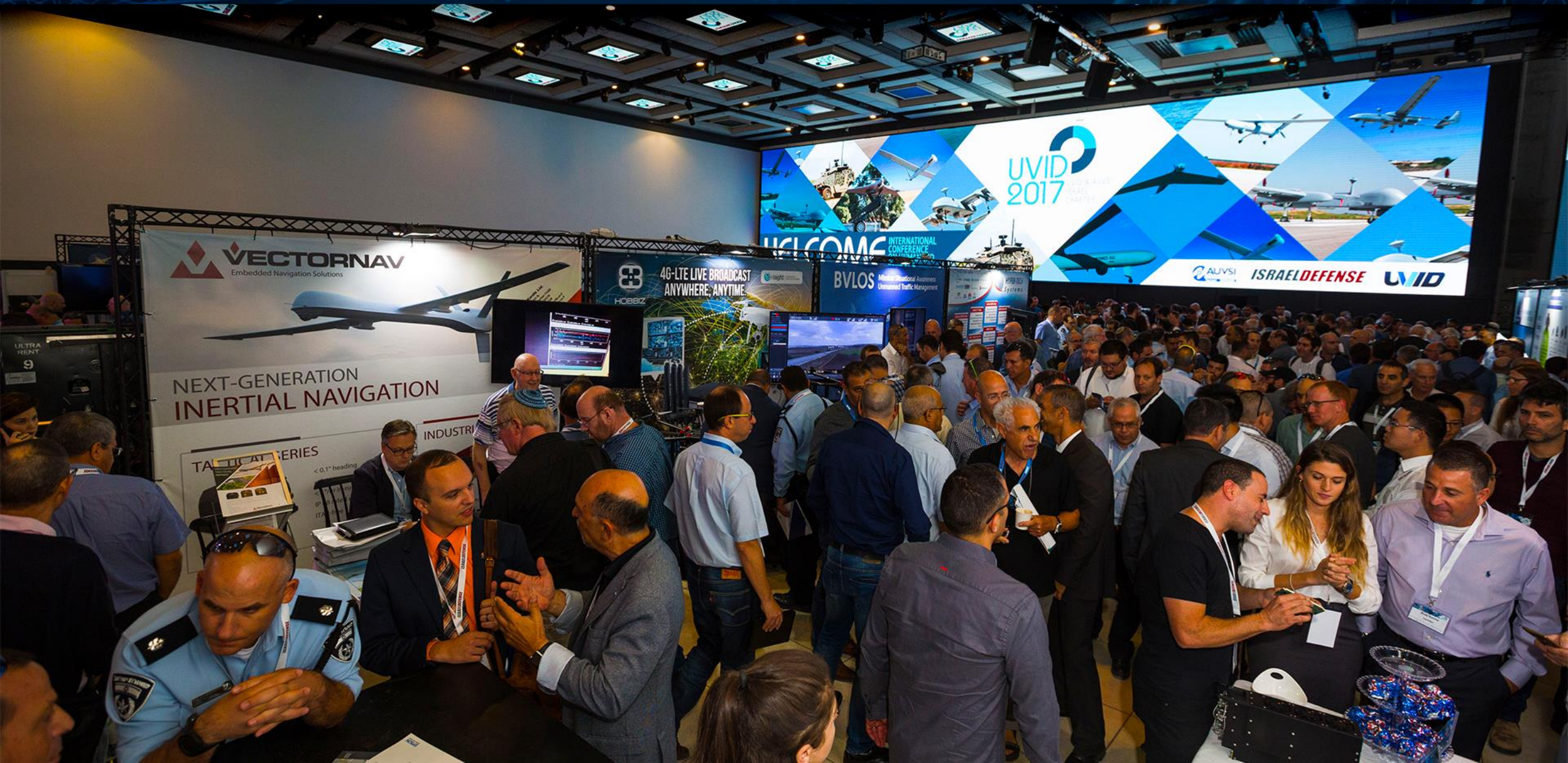


2015 - DR. DAVID HARARI AUVSI Israel President



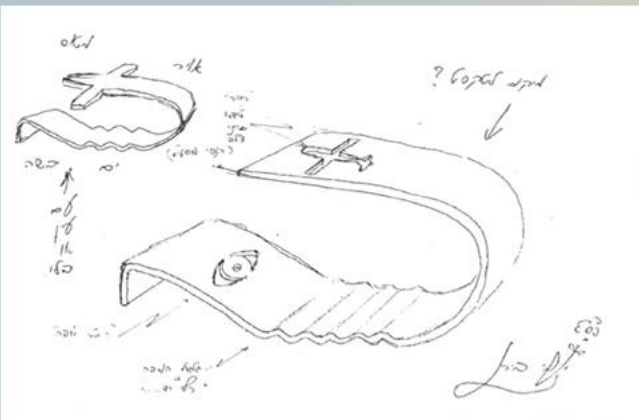
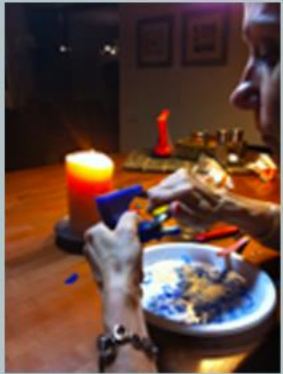
2015 - BRIG. GEN. NIR HALAMISH, Head of Military R&D, IMOD











Avi Biran
Caspi Silver
Galit & Alon Unger





UNMANNED AERIAL VEHICLES MADE IN ISRAEL | 2019

INTERNATIONAL CONFERENCE ON UNMANNED VEHICLES

2019

Class III (> 600kg)	Class II (150kg-600kg)	Class I (< 150kg)
<p>Heron IAI MTOW: 1270kg Operational Altitude: 35,000 feet Wingspan: 16.5m Max Payload Weight: 470kg Endurance: 4.5h</p> <p>Hermes™ 900 Starliner ELBIT MTOW: 1600kg Operational Altitude: 30,000 feet Wingspan: 17m Max Payload Weight: 450kg Endurance: 3.5h</p> <p>Dominator UAV AERONAUTICS MTOW: 1200kg Operational Altitude: 27,000 feet Wingspan: 13.5m Max Payload Weight: 378kg Endurance: <20h</p> <p>Heron TP IAI MTOW: 5670kg Operational Altitude: 45,000 feet Wingspan: 26m Max Payload Weight: 2700kg Endurance: 3.5h</p> <p>Hermes 500 ELBIT MTOW: 1180kg Operational Altitude: 30,000 feet Wingspan: 15m Max Payload Weight: 350kg Endurance: 3.5h</p> <p>Compass TACTICAL ROBOTICS MTOW: 1682 kg Endurance: 2.5h Cargo Capacity: 2100 liter</p>	<p>Avanator UAV AERONAUTICS MTOW: 230kg Operational Altitude: 18,000 feet Wingspan: 8.7m Max Payload Weight: 50kg Endurance: <12h</p> <p>Ranger IAI Operational Altitude: 18,000 feet Wingspan: 5.71m Max Payload Weight: 45kg Endurance: 6h</p> <p>Searcher II IAI Operational Altitude: 20,000 feet Wingspan: 8.55m Max Payload Weight: 100kg Endurance: 3.5h</p> <p>Searcher III IAI MTOW: 450kg Operational Altitude: 21,000 feet Wingspan: 8.55m Max Payload Weight: 120kg Endurance: 2h</p> <p>Hermes 450 ELBIT MTOW: 550kg Operational Altitude: 18,000 feet Wingspan: 10.5m Max Payload Weight: 180kg Endurance: 1.7h</p> <p>Hunter IAI Operational Altitude: 20,000 feet Wingspan: 10.5m Max Payload Weight: 100kg Endurance: 2.1h</p>	<p>Sky Striker ELBIT MTOW: <40kg Operational Altitude: 15,000 feet Wingspan: 3.2m Max Payload Weight: 5 or 10kg IAH Endurance: 2h or 1h</p> <p>MiniFalcon2 INNOCON MTOW: 150kg Operational Altitude: 18,000 feet Wingspan: 5.5 meter Endurance: <15 h Max Payload Weight: <35kg</p> <p>Orbiter 4 AERONAUTICS MTOW: 30kg Operational Altitude: 18,000 feet Wingspan: 5.4m Max Payload Weight: Two payloads, up to 12 kg Endurance: 24h</p> <p>ThunderB BLUEBIRD MTOW: ~30kg Operational Altitude: 2000 m Wingspan: 4.00 m Endurance: 24h</p> <p>MiniFalcon INNOCON MTOW: 90kg Operational Altitude: 18,000 feet Wingspan: 5m Endurance: <3.5h Max Payload Weight: <14kg</p> <p>Hero 900 UVISION MTOW: 97kg Operational Altitude: 20,000 feet Wingspan: 3.2m Endurance: 7h</p>
<p>Orbiter 3 AERONAUTICS MTOW: 30kg Operational Altitude: 18,000 feet Wingspan: 4.4m Max Payload Weight: 5.5kg Endurance: 7h</p> <p>SoyLite BLUEBIRD MTOW: 9.5kg Operational Altitude: 1000 m Wingspan: 275 cm Endurance: 4h</p> <p>Orbiter 18 AERONAUTICS MTOW: 11kg Operational Altitude: 18,000 feet Wingspan: 2.2m Max Payload Weight: 2.5kg Endurance: 2.5h</p> <p>Hero 120 UVISION MTOW: 12.5kg Operational Altitude: 1000-2000ft Wingspan: 1.43 m Endurance: 60 min</p> <p>Orbiter 2 MINI AERONAUTICS MTOW: 10.3kg Operational Altitude: 18,000 feet Wingspan: 3m Max Payload Weight: 1.5kg Endurance: 4h</p> <p>Skylark LEX ELBIT MTOW: <7.5kg Operational Altitude: 15,000 feet Wingspan: 3m Max Payload Weight: 1.2kg Endurance: 3h</p> <p>BIRD EYE 650 IAI MTOW: 11kg Operational Altitude: 1,500 feet Wingspan: 3m Max Payload Weight: 1.2kg Endurance: >4h</p> <p>Skylark C ELBIT MTOW: 15kg Operational Altitude: 15,000 feet Wingspan: 3.8m Endurance: 5h</p>	<p>Orbiter 18 AERONAUTICS MTOW: 11kg Operational Altitude: 18,000 feet Wingspan: 2.2m Max Payload Weight: 2.5kg Endurance: 2.5h</p> <p>Black Eagle 50 STEADICOPTER MTOW: 35kg Service ceiling: 9,000 feet Endurance: 3h</p> <p>Skylark 3 ELBIT MTOW: 4.0kg Operational Altitude: 15,000 feet Wingspan: 4.7m Endurance: 6h</p> <p>Hero 400EC UVISION MTOW: 40kg Operational Altitude: 18,000 feet Wingspan: 2.4m Endurance: 2h</p> <p>Bird eye 400 IAI MTOW: 5.6kg Operational Altitude: 1,500 feet Wingspan: 2.2m Max Payload Weight: 1.2kg Endurance: 90min</p> <p>NOX ELBIT MTOW: 5kg Max Payload Weight: 0.7kg Endurance: 50min</p> <p>THOR ELBIT MTOW: 9.5kg Max Payload Weight: 2kg Endurance: 70min</p>	<p>MicroB BLUEBIRD MTOW: 1.5kg Operational Altitude: 1000 m Wingspan: 39cm Endurance: 1h</p> <p>Hero 30* UVISION MTOW: 3kg Operational Altitude: 600-1500ft Wingspan: 80cm Endurance: 30min <small>*Max Payload: 1kg or less</small></p> <p>Drone PERCEPTO MTOW: 10kg Additional payload: 1.5kg Endurance: 60 Min System includes: Sparrow Drone, Percepto Base and Cloud</p> <p>MicroFalcon INNOCON MTOW: 6-10kg Operational Altitude: 15,000 feet Wingspan: 1.8-2meter Endurance: 2.5-4 hours Max Payload Weight: <2kg</p> <p>DaVinci ELBIT MTOW: 13.5kg Max Payload Weight: 3kg Endurance: 80min</p> <p>HoverMax SKYSAPIENCEIAI Operational Altitude: 350 feet Max Payload Weight: 6kg Endurance: Unlimited</p> <p>OPTIMUS AIROBOTICS MTOW: 7kg Max Payload Weight: 1.5kg Endurance: 30min System includes: AirBase and AiRobotics Software</p>

Netzer
Precision Motion Control

ABSOLUTE POSITION ELECTRIC ENCODERS

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UVID 2019

INTERNATIONAL
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UNMANNED VEHICLES

UVID 2019 THEMES

More Civilian, More Commercial, More International

The Future of Unmanned Systems



Smart Unmanned Solutions



Agriculture



Infrastructure & Energy



Defense & Security



Delivery & Urban Air Mobility



Entertainment



Smart Data, AI and Autonomy



Operation, Training & Support



Counter UAS Challenges



New Tech, Innovation & Investments



B2B



Demonstrations



Academy & Future Gen

UVID 2019

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