



1 August 2017

Subj.: **Horizon 2020 – Astronautics is interested to join a consortium offering cyber capability**

Dear Sir,

**Astronautics** - Astronautics C.A LTD is an established company in the area of avionics and airborne systems solutions. We offer over 40 years of proven experience in the area of airborne electronics solutions, with a wide variety of products & solutions, supplied and flying onboard aircraft & helicopters around the globe. We supply products to Boeing, Bell Helicopters, Lockheed-Martin, Airbus and many other leading aerospace industries.



**Cyber** - In the last 3 years we had developed embedded cyber protection capabilities for airborne platforms and established a cyber department and a cyber lab, that is developing unique solutions in the technology of cyber protection for aerospace platforms. We focus on protecting the platform itself, preventing malicious penetration to the systems and protecting the avionics from any possible cyber attacks – internal to the avionics or external.

**Horizon 2020 participation (coming call for proposals)** – Astronautics is confident that our machine learning technology and anomalies detection algorithms is a good solution for adding a cyber protection layer for any existing ongoing program, as well as the new programs that are included in the next call for proposal, expected to be formally issued later this year.

Astronautics would like to specially focus on the following topics in which we think we can participate and provide a cyber protection layer to the developed solution:

- a. Aviation Safety
- b. Enhanced Avionics - Connectivity and automation

We are confident that we may contribute for a better cyber security layer, protecting possible vulnerability of the newly designed systems.

Please note that we are able and capable to further implement our embedded cyber protection and machine-learning algorithms adding a cyber security layer in hardware and/or software, to any other existing or coming program within Horizon-2020. Since cyber security had been identified by the EU as an important layer in all new implementation, Astronautics is an ideal partner to join any ongoing or new program, with our capabilities to perform threats vector analysis to any embedded system or platform, and offer the most appropriate solutions and tools we already developed to better detect and protect the platform against cyber threats.

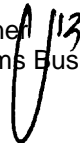
Astronautics is confident that utilizing our proven embedded cyber protection technology, knowhow and algorithms may be of benefit to the above-mentioned programs, and/or any additional ongoing Horizon-2020 program that is looking for robust cyber-secured solutions.

Looking forward to meet with you shortly at Astronautics' facilities in Petah Tikva, Israel.

Sincerely,

ASTRONAUTICS C.A. LTD.

Menahem Donner  
Airborne Systems Business Development Director

A handwritten signature in black ink, appearing to read "M. Donner".

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