

SWISSto12 SA

EPFL Innovation Park, Building C
CH-1015 Lausanne, Switzerland
info@swisst12.ch www.swisst12.ch
T +41 (0) 21 693 86 81



PRESS RELEASE – MARCH 9TH 2016

SWISSto12 awarded CTI funding to develop new dual Ku & Ka band satellite user antenna

CTI has provided funding support to SWISSto12 to develop a new additive manufactured satellite user terminal front end (antenna). The product will operate in both Ku and Ka bands and serve for “connectivity on the move” applications using satellite telecommunications. The antenna will be used for high data rate connectivity in aircrafts, ships at sea, trains and land vehicles. This new product aims at becoming the first one allowing users to simultaneously connect to satellites operating in both Ku and Ka bands with one single antenna while being on the move, thus removing the need for separate Ku and Ka band antennas.

This seven digit worth project is co-financed by the Swiss Commission for Technology and Innovation (CTI) and will be carried out in collaboration with:

- The Laboratory of Electromagnetics and Acoustics (LEMA) of the Swiss Federal Institute of Technology in Lausanne, Switzerland (EPFL).
- The Swiss Center for Electronics and Microtechnology (CSEM) in Neuchâtel, Switzerland.

About SWISSto12:

SWISSto12 is an innovative technology company that spun off from the Swiss Federal Institute of Technology in Lausanne (Switzerland) in 2011. The company pioneers the development and commercialisation of radio-frequency (RF) antenna, waveguide and filter products based on additive manufacturing.

The company specialises in product designs, which are then 3D printed in high-performance plastics and subsequently metal plated through a proprietary process. This novel approach to manufacturing replaces traditional machining of metallic materials. In this context, SWISSto12 products feature drastic weight reductions, extended design flexibility and reduced production costs.