

Multi-threaded processor for space applications - Final Presentation

L. Fossati

01/12/2016

ESA UNCLASSIFIED - For Official Use



## Objectives



## Demonstration of multi-threaded technology for space applications

- Follow-up to ITI Type A activity, where initial feasibility of the technology was shown through simulation on synthetic applications
- Prototyping in hardware (FPGA) of a single multi-threaded core
- Demonstration through simulation of multi-core multi-threaded system on a real space application



- •Consortium composed of Techne LTD (prime) and Airbus (subcontractor) and Daiteq (subcontractor)
- •Contract amount 150K€ under ITI Type B scheme
- Initial duration 14 months
  - Actual contract duration 20 months

