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GLOBAL SPACE STRATEGY – UNITING TOWARDS A COMMON OBJECTIVE

Abstract

Yuri Gagarin. Alan Shepard. Yang Liwei. Toyohiro Akiyama. Andy Thomas. Jean-Loup Chrétien. Marc Garneau. Tim Peake. These are just some of the world's first Astronauts, Cosmonauts or Taikonauts to have represented their respective countries in Space. These names aren't mentioned for any random reason, but rather to highlight the multi-jurisdictional and multi-cultural affair that is Space. From Space, there are no borders, there is no divisions, there is just one Earth.

For the last fifty years, countries around the world have defined their own Space Strategies to enable investment for research and development to occur to unlock the true value and opportunities the Space domain can bring. Some countries have gone to extreme lengths to further create individual strategies for individual states, such as Australia. Whilst this isn't a bad thing, it does lead to duplication across the Space Supply Chain, some efficient and some not, and can detract away from a streamlined and united objective for capitalization of the Space domain.

Further analysis across global Space Domain Participants highlights a slightly differing message, as the concept of sovereignty plays its part. But this dis-united nature is not the purpose of the paper, but rather, it is to analyse the commonalities across the Australia's Space Domain to emphasise the need for a global and united Space Strategy.

This ideology can highlight jurisdictions that may be the world's subject matter experts are a particular capability, and develop a truly global Space Supply Chain, for a truly global Space Domain. Knowing how these forms, can enable a specific jurisdiction to focus on a specific capability, and then, if still warranted, co-ordinate capability building activities across the Space Supply Chain as a sub-jurisdictional level.

This paper, therefore, seeks to analyse the Australian Space Ecosystem, and then align against a sample of the world's Space Domain Strategies, to highlight the potential and value that would be achieved from a global and united Space Strategy.