



Onboard Autonomy

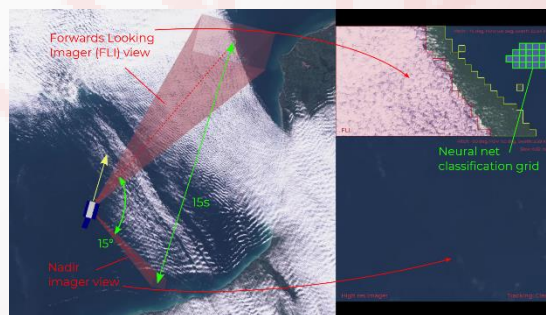
Helping to make your system smarter and more efficient

Responsive operations capabilities



Forwards Looking Imager

The **Forwards Looking Imager** provides advanced information of the future sub-satellite environment, enabling **goal-focused, real-time decision making and planning** to maximise utility of onboard resources.



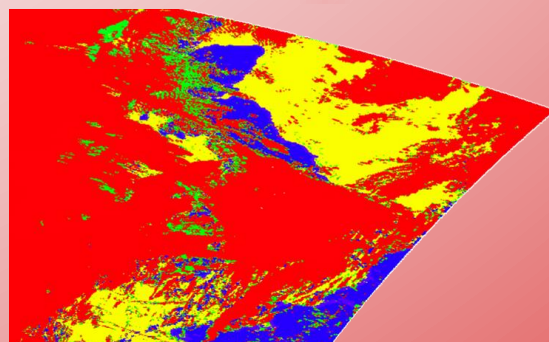
Autonomy and Autonomy Assurance

Move your operations upstream with our autonomy software. We can assist in automating operations processes and moving the decision-making into space using neural nets, AI planners and adaptive scheduling. **Ensure confidence in onboard autonomy for your mission** with our mission-tailored reference architectures for assurance, focused on **your needs as an end-user**. We consider the whole lifecycle from design, through test and ultimately to in-orbit operations.



AI algorithms

Enable **onboard data processing and real-time decision-making** on your satellite with our AI algorithms. Driven by imagery captured in-orbit, our neural networks can perform **day- and night-time cloud detection** and land cover classification across the spectrum.



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