Workspace is a proven platform for delivering software applications for commercial and research purposes. The Workspace framework provides a single environment to develop and reuse software components and libraries that are designed to be significantly beneficial to users with a wide range of skills. By streamlining the software development process, Workspace acts as a low-cost pathway to commercialise new or existing intellectual property.

The Workspace ecosystem

Since Workspace’s public launch in 2014, over a dozen applications have been developed upon Workspace’s expanding ecosystem of plugins:

- **Oventus**
  - Software tool for rapid customisation of a 3D printed titanium sleep apnoea device for individual patients
  - Software has paved the way to scaling up to commercial mass-market delivery
  - Over 1000 customised Oventus Clearway Devices™ created in first 12 months of commercial use
  - Collaboration between Oventus, CSIRO Data61 and Manufacturing

- **Heliosim**
  - Commercial software package for the simulation and optimisation of concentrating solar thermal (CST) power plants
  - GPU and multi-core accelerated ray tracing model
  - Developed by CSIRO Energy as part of an Australian Renewable Energy Agency (ARENA) project

- **Spark**
  - A fully featured bushfire simulation package with customisable fire propagation algorithms
  - Augments risk assessment capabilities of emergency services, consultants and insurance providers
  - Community safety through better planning of prescribed burns and evacuations
  - Collaborative development between CSIRO Data61 and Land & Water

- **Dive Mechanic**
  - Software tool that predicts aerial dynamics of elite divers and provides analytics for diving selectors and biomechanists
  - Allows coaches to visually communicate concepts to divers for technique and synchronisation refinement
  - Collaboration between Diving Australia, the Australian Institute of Sport and Data61

**FOR FURTHER INFORMATION**

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