Black6

PRODUCT

Black6 Ops Suite is an integrated learning environment (ILE) comprised of a virtual learning management system (VLMS), and content management system (CMS), built to the total learning architecture (TLA) framework, with integrated xAPI profiling.

Black6 Ops Suite

- **BlackBox –** The B6 BlackBox is the first Virtual Learner Management (VLMS) System; designed from the ground up to offer unparalleled immersive learning. BlackBox integrates and makes effective use of Prepar3D, Unity, Unreal and other engine platforms; with the added availability of cooperative course and assessment creation of both 2D and 3D virtual objects or materials within the experience

- **Studios –** B6 Studios is a Learner Content Management System (LCMS) and is integrated with the B6 Blackbox. It includes up to fifty different types of courseware, learning and assessment design and creation including 2D and 3D virtual objects.

- **TLA -** The Total Learning Architecture is a collection of specifications for accessing and making use of learning-related data. The B6 Blackbox acts as the main portal or frontend for the TLA. The Learner Record Store (LRS) provides a large storage mechanism for xAPI data and learning profiles. This is a fluid store of the data and can be ingested by multiple LMS, machine learning or other analytics platforms.

- **DNA -** B6 DNA uses a combination of intelligence analytics and machine learning to implement actionable insights from behavioural data. We analyse and detect standard operational patterns from behavioural data analysis systems. Initially, boundaries are set based on presumed behavioural, historical data. The machine learning systems split the data into units and set bias against the data using statistical analysis coefficients.

- **Hardware -** Black6 provides a modelling product where real hardware is modelled and engineered into the virtual environments, allowing for more immersion between the virtual environment and simulation hardware. Black6 aims to create hardware to be used to recreate a tactile feel for total immersion to build muscle memory.

CAPABILITIES

Black6 is developing Integrated Learning (ILE) and Extended Reality Environments (XR) in line with the Total Learning Architecture (TLA). The TLA
enables an integrated and blended learning environment that allows the complete tracking of learners' behaviours, activities and learning outcomes throughout their careers.

DISCRIMINATORS

Black6 is Australian owned and operated, with a strong belief in Australian sovereignty. Black6 prides itself on attracting and growing Australian company by incubating sovereign skills through hiring the best and the brightest to build synthetic immersive training environments, artificial intelligence and advanced analytics for Australian defence forces and our international partners.

Black6 is also a military veteran Organisation that supports all veterans who have put our country before themselves.

KEY CUSTOMERS

- Australian Defence Force
- Defence Industry Prime contractors
- Allied Defence Forces
- Registered Training Organisation (RTO)

KEY PARTNERSHIPS

- Australian Defence Force
- ADF Prime contractors
- Small to medium defence enterprises within Australia

CONTACT DETAILS

Rikky Burkett | Chief Executive Officer

M: +61 466 780 276
E: Rikky@black6.com
Building 51
76 Waterway Drive, Coomera, 4209, QLD
www.black6.com

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