

Digital Art Live (DAL) interactive space

Technical specifications

June 2018

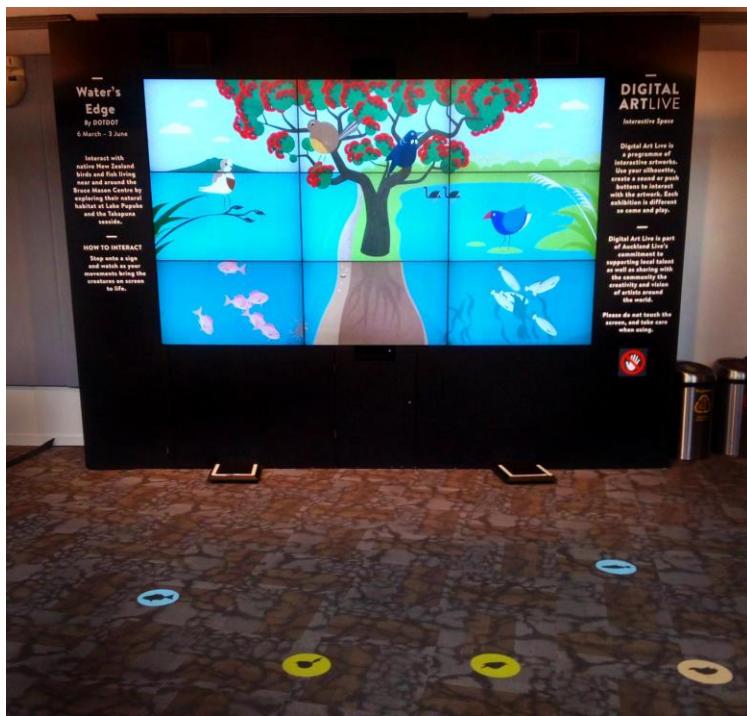
Set up

Interactive Screen

The main component of the Digital Art Live interactive space is an interactive screen. This technical manual presents this screen, the test process and the delivery required for each new installation.

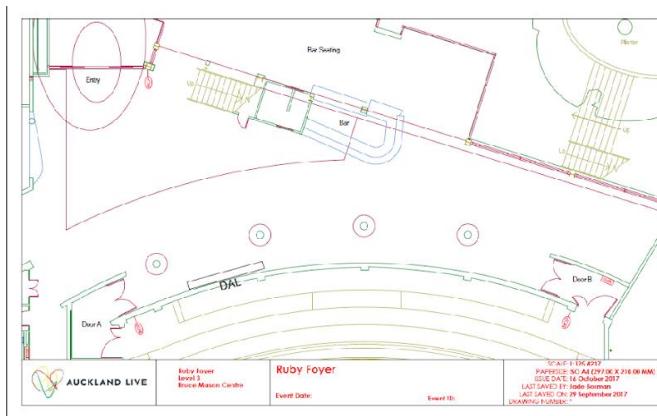
System description

The interactive screen consists of 9 x 46 inch Samsung thin bezel flat screens organized into a large 16:9 composite screen. Computers and technical equipment is located behind the screen. A technical diagram showing the components of the interactive screen is shown below, '*Setup Diagrams*'.



Location and access

Digital Art Live is an interactive screen located in Auckland, at the Bruce Mason Centre, Ruby Foyer. Digital Art Live is open to the public weekdays 9am to 5pm and will remain open late and during weekends if there is a show at the Bruce Mason Centre.



Screen and resolution

Each screen panel measures 1025 x 579mm including the bezel. The overall size of the wall is therefore 3075 x 1737mm. It's a 9 screen display layout being 3 screens wide by 3 screens high.

Each screen has a 16:9 ratio and the overall ratio of the entire screen is the same. Each screen has a native resolution of 1366 x 768 px (16:9). The resolution of the entire screen is the same.

Computer Specifications

Digital Art Live proposes two computer for exhibition use, a Mac PRO or a HP Elite Desk.

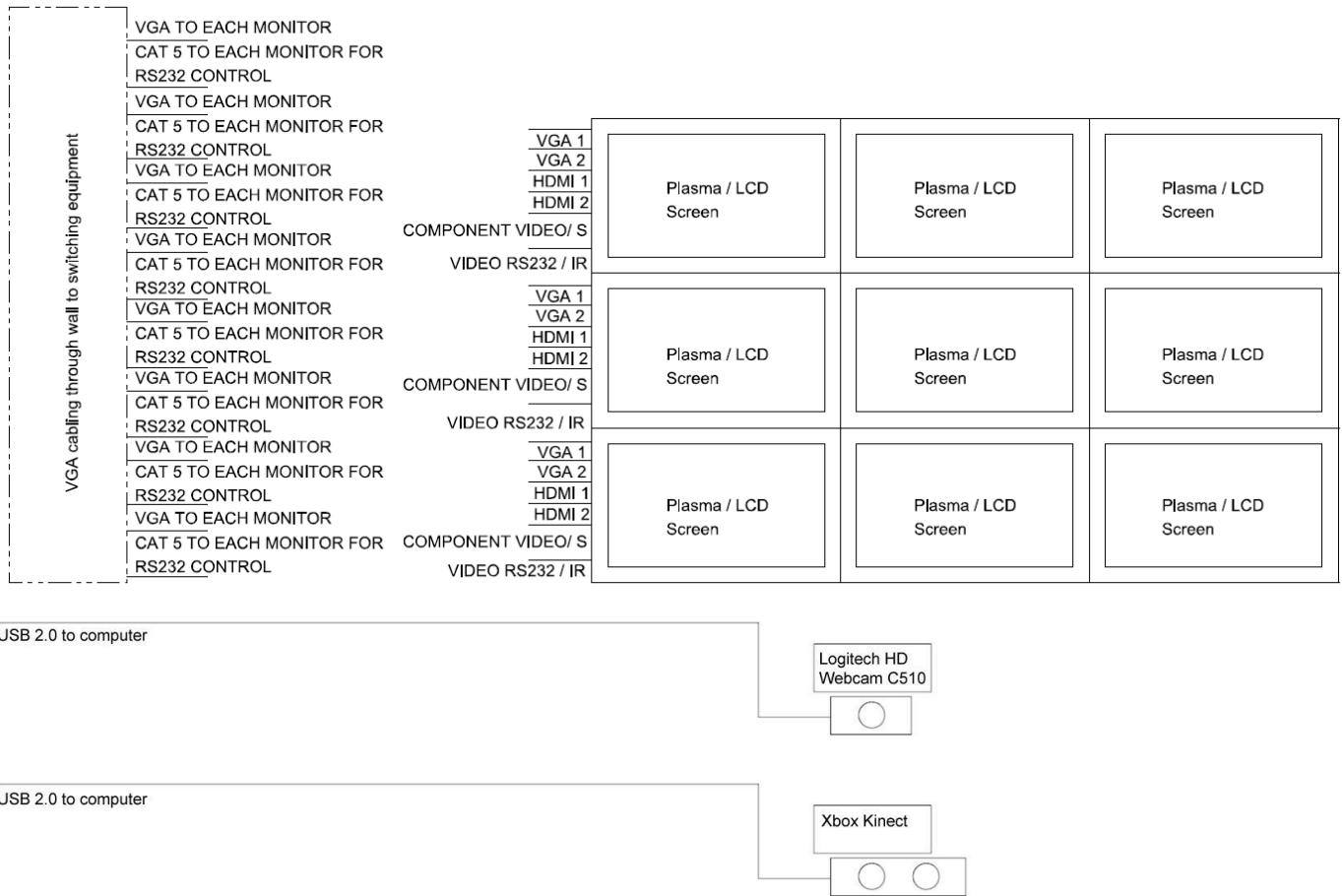
Computer	Mac PRO with OSX	Mac PRO with Windows	HP Elite Desk
Processor	2.8GHz Quad-Core Intel	Xeon	Intel i5
RAM	8 GB	8 GB	16 GB
System	OSX High Sierra 10.13.4	Windows 7 64 bit	Windows 10 64 bit
Graphics Card	ATI Radeon HD 5770 1 GB	ATI Radeon HD 5770 1 GB	Gigabyte Geforce GT710 Graphics Card 2GB
USB	2.0	2.0	3.0
Audio	Stereo speakers	Stereo speakers	Stereo speakers
Peripherals	Xbox Kinect / Webcam	Xbox Kinect / Webcam	Xbox Kinect / Webcam

Software

The computer is setup with minimal software so the machine runs at maximum performance. Additional software can be considered for incorporation into the system, subject to discussion and practicalities. Past installations ran notably on Max/MSP/jitter runtime, Unity, Processing, Flash, OpenFrameworks and Isadora. This list is not exhaustive and Digital Art Live is interested in working with different software.

Setup Diagrams

The diagram below shows the 9 screen setup and configuration.



The Delivery of a New Installation

Standalone application

The artist has to provide a standalone application and any software required for the installation. A standalone application is for example an .exe or .app which does not require another programme to run.

Restart process

The computer will shut down at 1 am and restart at 6 am every day to insure the maximum performance of the machine. The standalone application has to start automatically when the computer boots. Each installation has to include a restart process. It can use the scheduler included in the system or it can be controlled by an independent script.

Test Process

Each installation presented on the interactive screen at the Bruce Mason Centre is previously tested onsite with the support of Digital Art Live technicians.

The technicians

Auckland Live technicians follow each installation, from the technical brief to the pack out in an advisory role.

Contact

For further information or any question, please contact Digital Curator at nolwennl@aucklandlive.co.nz