

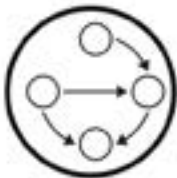


## LUCID STUDIO: BEYOND THE LENS



### VIRTUAL SOLUTION CONTROL CENTRE

Lucid Studio is a highly flexible and customizable control platform designed for virtual productions. Whether it's Augmented Reality, Virtual Studio or XR Virtual LED Studio, Lucid Studio offers an easy-to-use intuitive graphical user interface. Lucid provides seamless integration with tracking systems and real-time 3D rendering engines such as XPression and Voyager. It is a complete redesign of the legacy UX platform, with significant changes to the underlying code, and the graphics interface. Lucid Studio offers unparalleled customizability, flexibility and accessibility to all types of operation and operators. Lucid Studio is used for virtual set camera calibration, scene manipulation, media replacement, event triggering, MOS newsroom integration, animation control, robotic camera movement control and much more.



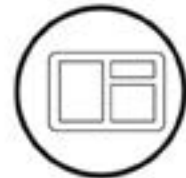
#### LIVE PRODUCTION CONTROL

Lucid was designed to be a live television production tool. It allows any operator to run a virtual production without any particular skills or training. With Lucid, you can control all your production elements without having to play at the BluePrint level within Unreal.



#### EXTENSIVE INTEGRATION

Lucid Studio supports most tracking system, tracking protocols, and camera mounts in the industry. Don't make compromises; work with the right tracking solution for your production.



#### CUSTOMIZABLE INTERFACE

Highly flexible and customizable UI allows the users to modify the GUI based on the production stage. Saving and recalling layouts reduces reaction time, streamlines the production, and significantly increases the speed of operation.



## REAL TIME REACTIVENESS

Lucid Studio offers real-time control over all aspects of the production. There is no need to go off-air for simple fixes. Objects position, visibility, materials, tracking assignment, data connections, all can be controlled from Lucid without dealing with the complexity of Unreal BluePrints.



## API INTEGRATION

Lucid Studio offers an optimized and improved embedded web browser experience. This allows operators to access native controls for 3rd party products. A Web API also allows for easier integration with 3rd party hardware devices as well, such as Streamdeck.



## ONE TOOL FROM CALIBRATION TO PRODUCTION

Lucid Studio allows you to manage all aspects of your production from calibration / configuration to live production including pre-production (eg: pre-define move of 3D objects, routing of virtual sources etc).



## CUSTOMIZABLE INTERFACE

Highly flexible and customizable UI allows the users to modify the GUI based on the production stage. Saving and recalling layouts reduces reaction time, streamlines the production, and significantly increases the speed of operation.



## IDEAL FOR NEWS WORKFLOWS

With its support of HTML5 MOS plugins, Lucid Studio connects your virtual production to your news ecosystem thus making it possible for journalists to treat virtual graphics the same way as lower thirds or over-the-shoulder graphics.



## BROMPTON INTEGRATION

Lucid Studio now offers integration with Brompton API. This integration supports polling the Brompton wall processor, retrieving the preset list, and trigger presets on command.



## PTZ CAMERA SUPPORT

We keep adding support for new tracked PTZ cameras which can be selected from Lucid Studio's mount drop-down list. PTZ models from Sony and Panasonic in particular are supported.

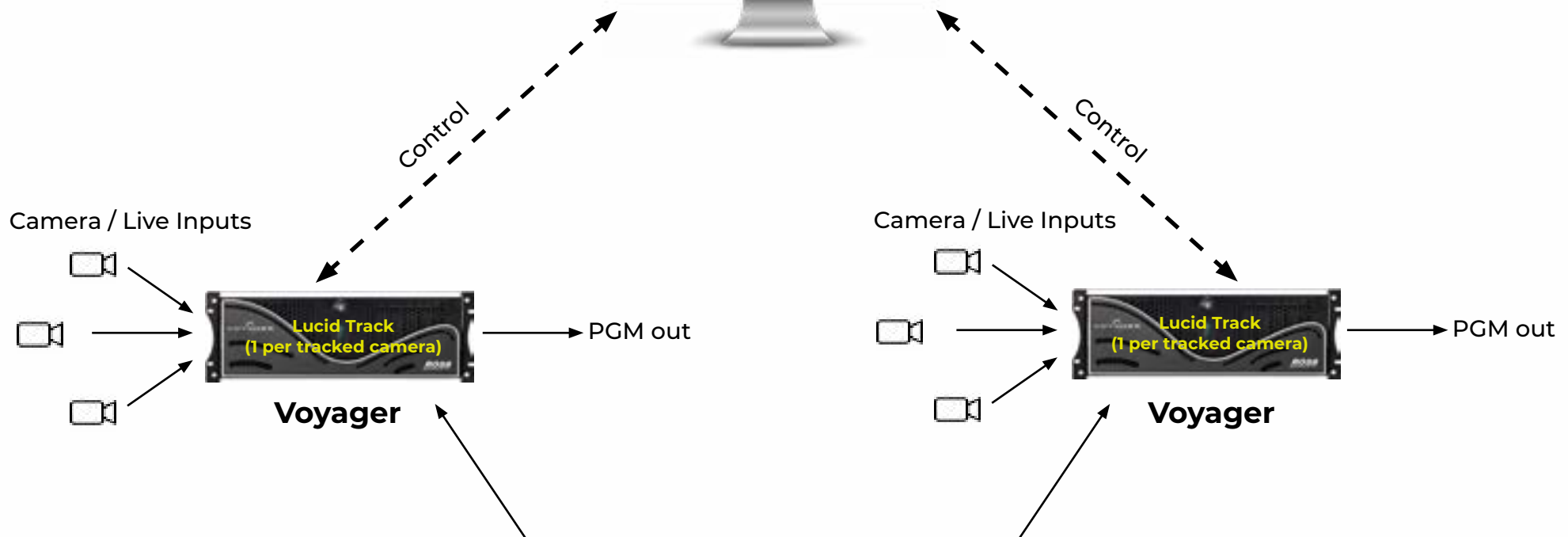


# VIRTUAL PRODUCTION ECOSYSTEM

## Lucid Studio



Setup and Calibration  
Pre-Production  
Production Control



Lucid Track is Ross' camera tracking software that takes camera tracking data from multiple types of encoded camera heads, lenses, proprietary tracking systems, and drives virtual cameras for accurate scene rendering.

## GENERAL SYSTEM STATUS

Shows status of tracking and rendering services

## TRACK GRID

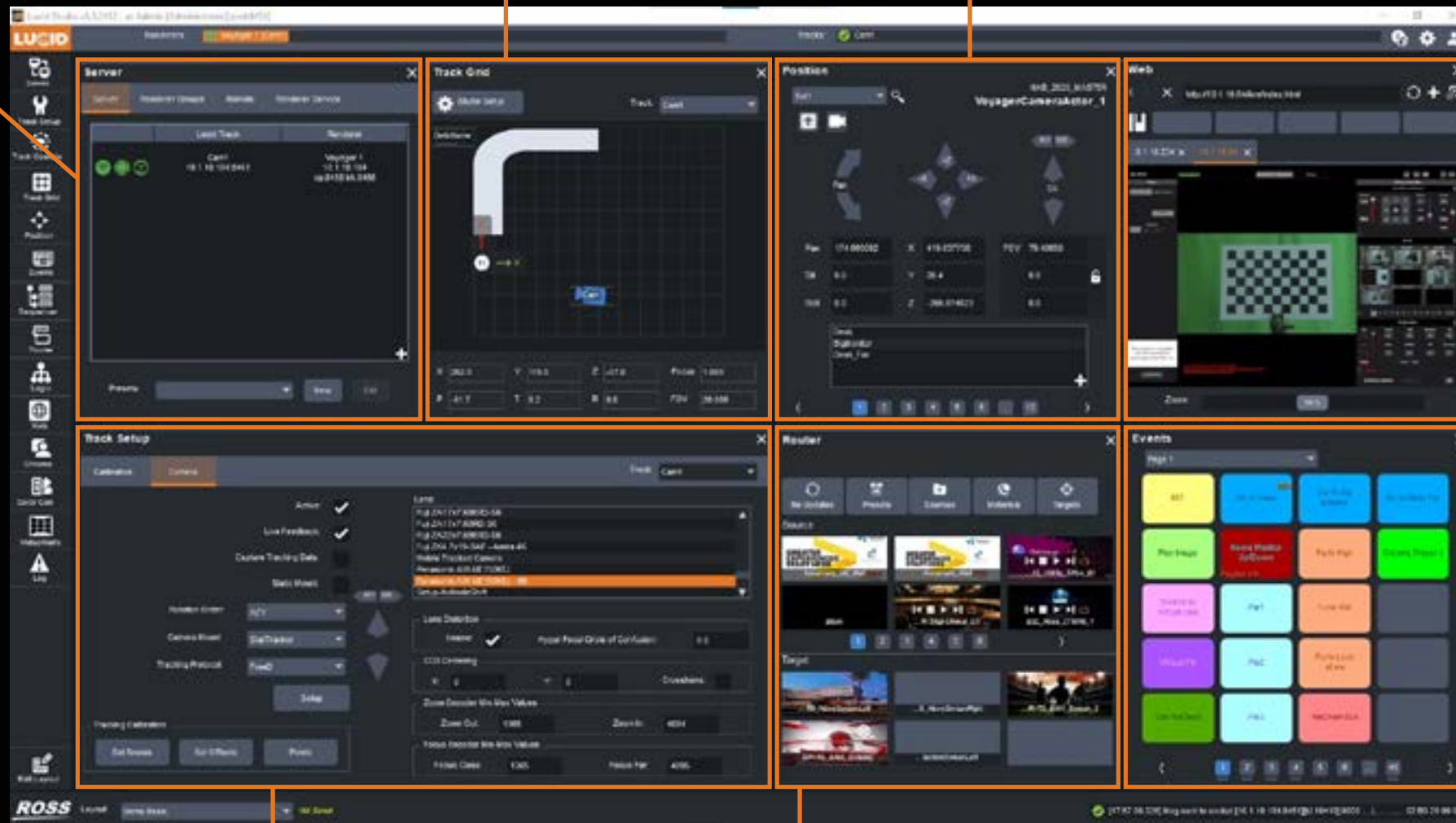
Shows the overall tracking topology

## POSITION CONTROLS OF 3D OBJECTS

Move any object within the 3D space

## WEB BROWSER

Connects to any Web Server, which enables native control of web-enabled 3<sup>rd</sup> party devices



## TRACK SETUP

Allows setup of tracking and calibration

## ROUTER CONTROL PANEL

Routes source to virtual destinations (eg. on-set monitors)

## EVENTS CONTROL PANEL

Triggers complex events from one button press



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# TECHNICAL SPECIFICATIONS

The following specifications reflect the type of hardware platform Lucid Studio normally ships with.

Lucid Studio users can also provide their own hardware platform and use the specifications below for guidance.



## Full HD Touch Dimensions (Without Stand)

Height	Width	Depth
13.54 in (34.99 cm)	22.26 in (54 cm)	2.07 in (5.26 cm)

## Hardware

Chassis	1 internal 2.5 inch bay
Hard Drive	M.2 256 GB SATA Class 20 Solid State Drive
Power Supply	80 PLUS Internal Power Supply Unit; Optional 155W EPA Bronze
Disc Drive	8x Slimline DVD+/-RW Drive
CPU	Intel® Core™ i7-8700 6 Cores/12 MB/12 T/up to 4.6 GHz/65 W
Memory	8 GB (2x4 GB) 2666 MHz DDR4
O/S	Windows® 10 Pro, 64-bit

## Video Card

Intel® Integrated HD Graphics

## USB Connections & I/O Ports

6 External USBs
• 1 x USB 3.1 Type C Gen 2 (side) • 1 x USB 3.1 Type A Gen 1 (rear) with PowerShare (side) • 4 x USB 3.1 Type A Gen 1 (rear)
1 SD Slot (side)
1 Universal Audio Jack (side)
1 Display Port Out (rear)
1 HDMI In (rear) on Full HD only
1 HDMI Out (rear)
1 Audio Line-Out (rear)
1 RJ-45 (rear)
1 Power Connector (rear)

## Display

DELL Touch Liquid Crystal Display

## Included Accessories

Keyboard	DELL KB216 Wired Multi-Media Keyboard English Black
Mouse	DELL MS116 Wired Mouse
Software	UX software package and media

## Included Software

Microsoft® Windows® 10 Pro, 64-bit O/S
Lucid Studio software package (installed)

## Warranty

12 Month System Warranty (parts, labor and software updates)



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