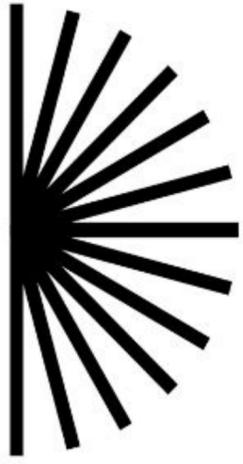
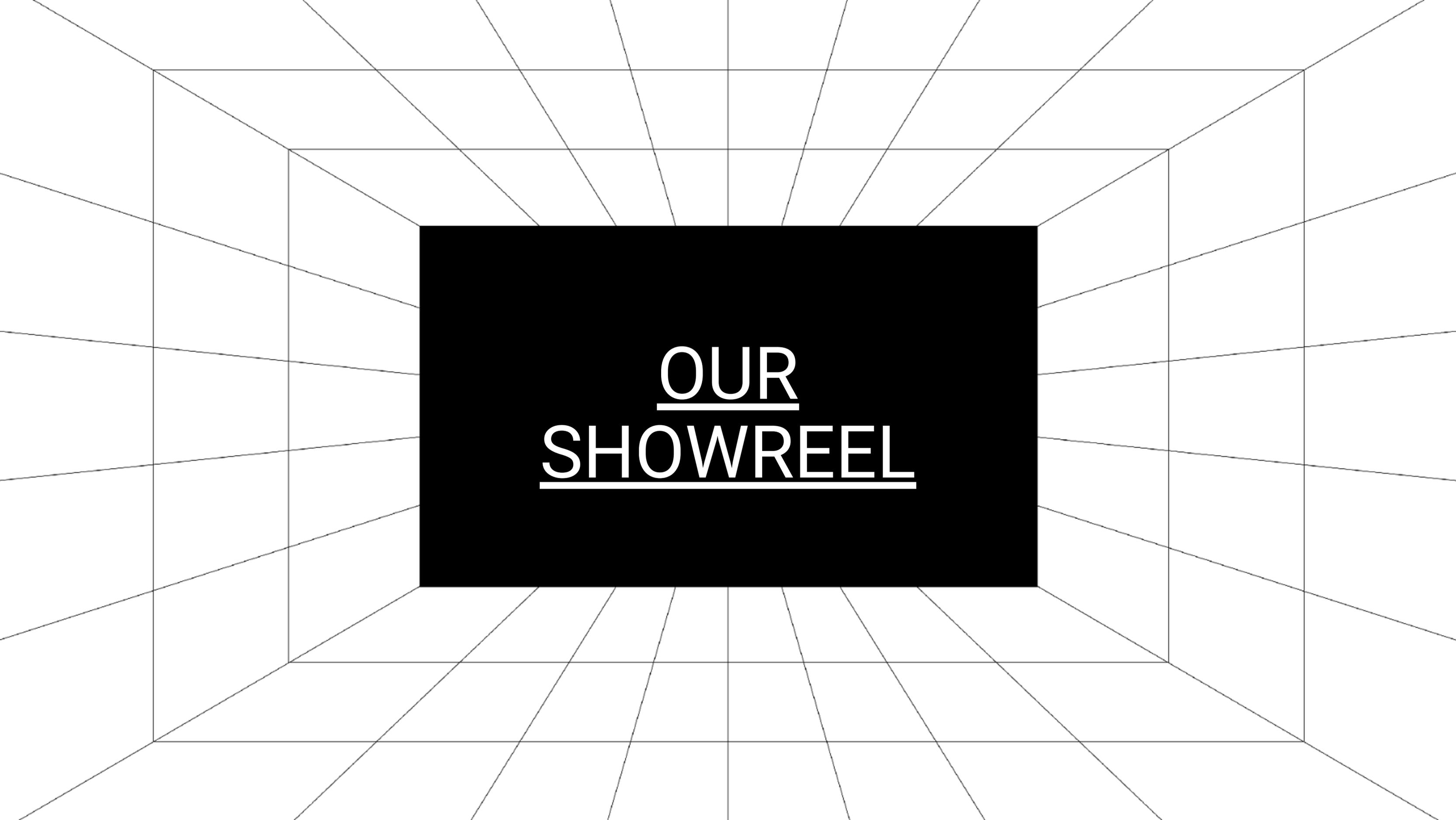


**dreamplasser**



dreamlaser is a world leader in the application of innovative multimedia technology. We have been developing and implementing creative, high-tech solutions since 2005. Today we cover the full production cycle, from concept development, laser scanning, and technical production to content production and full technical implementation using our own equipment.



OUR  
SHOWREEL

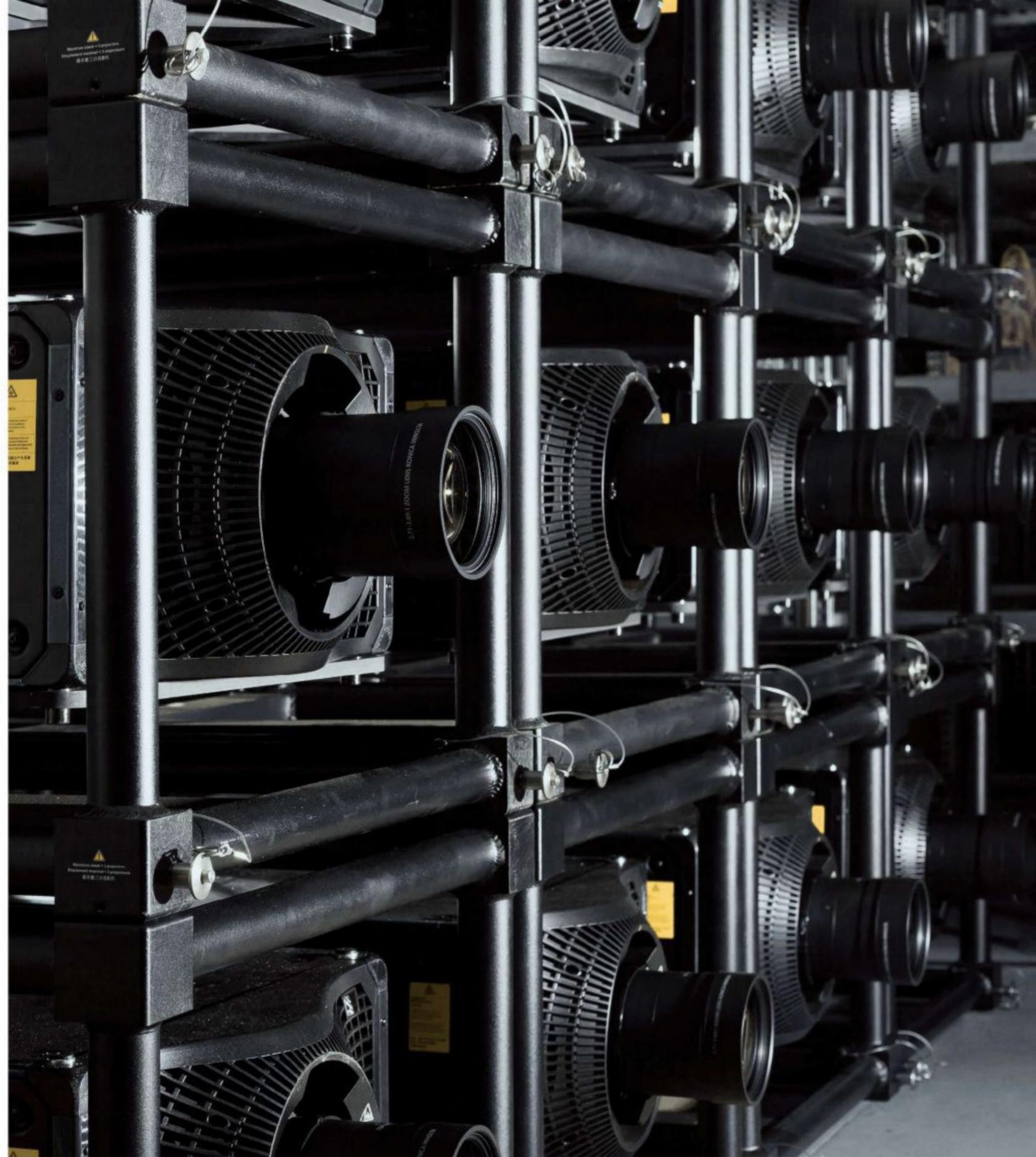
# SERVICES

- Development and visualization of technical solutions. WYSIWYG
- Complete installation and configuration of equipment
- Permanent installation and integration of multimedia systems
- Laser scanning
- Our own logistics centre



# EQUIPMENT

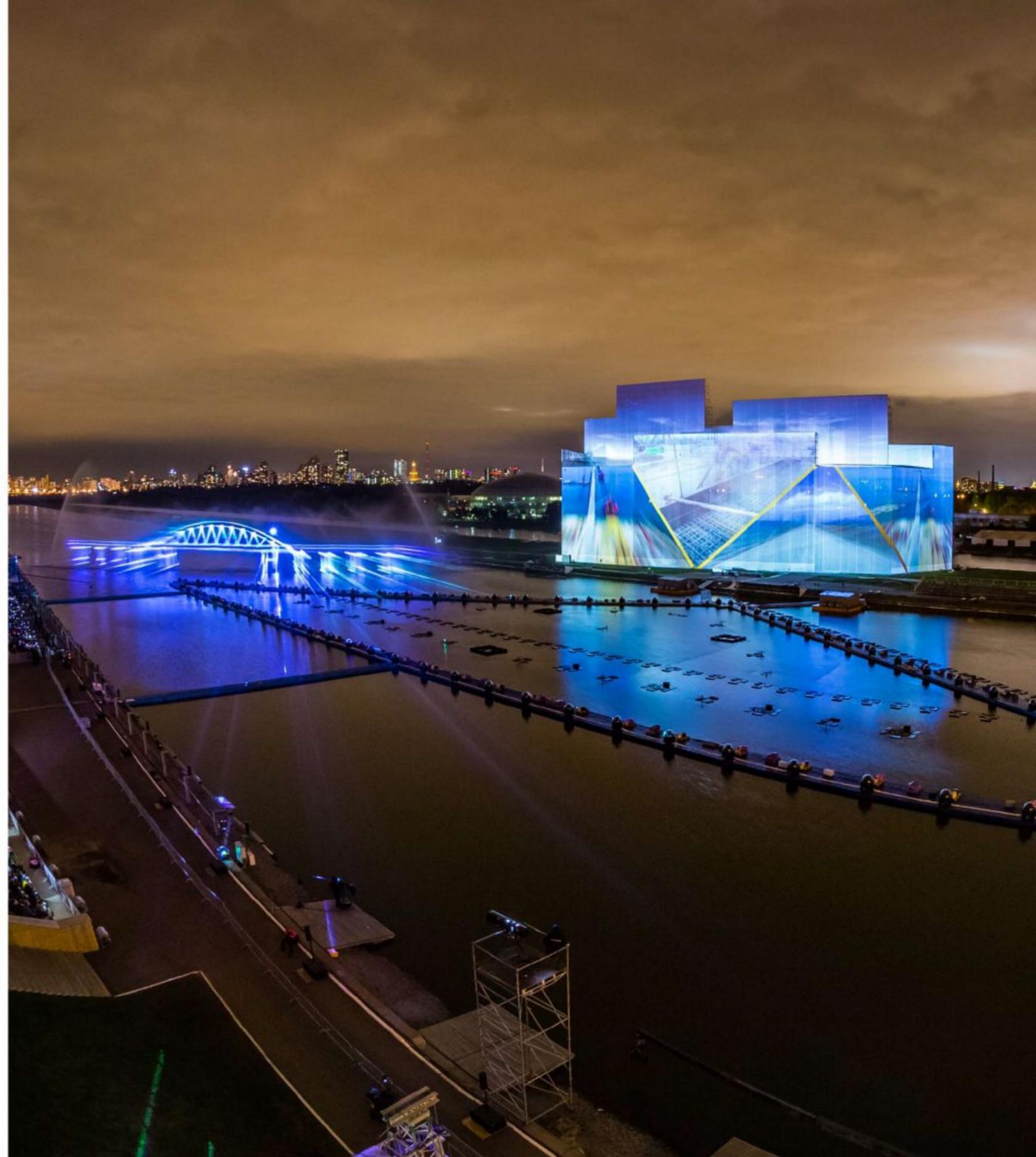
- Our own fleet of projection equipment, including more than 100 projectors with between 20,000 and 40,000 ANSI Lm capacity from Christie digital and Panasonic
- Programming and setup of disguise (d3) media servers
- More than 600 square meters of indoor and outdoor LED screens with resolution from 2.5 P to 4.8 P
- The largest fleet of KVANT laser projection systems in Russia, with more than 30 devices  
Russia's only company with disguise Studio status



# QUALIFICATIONS

Our technical specialists are fully trained and hold the following certifications:

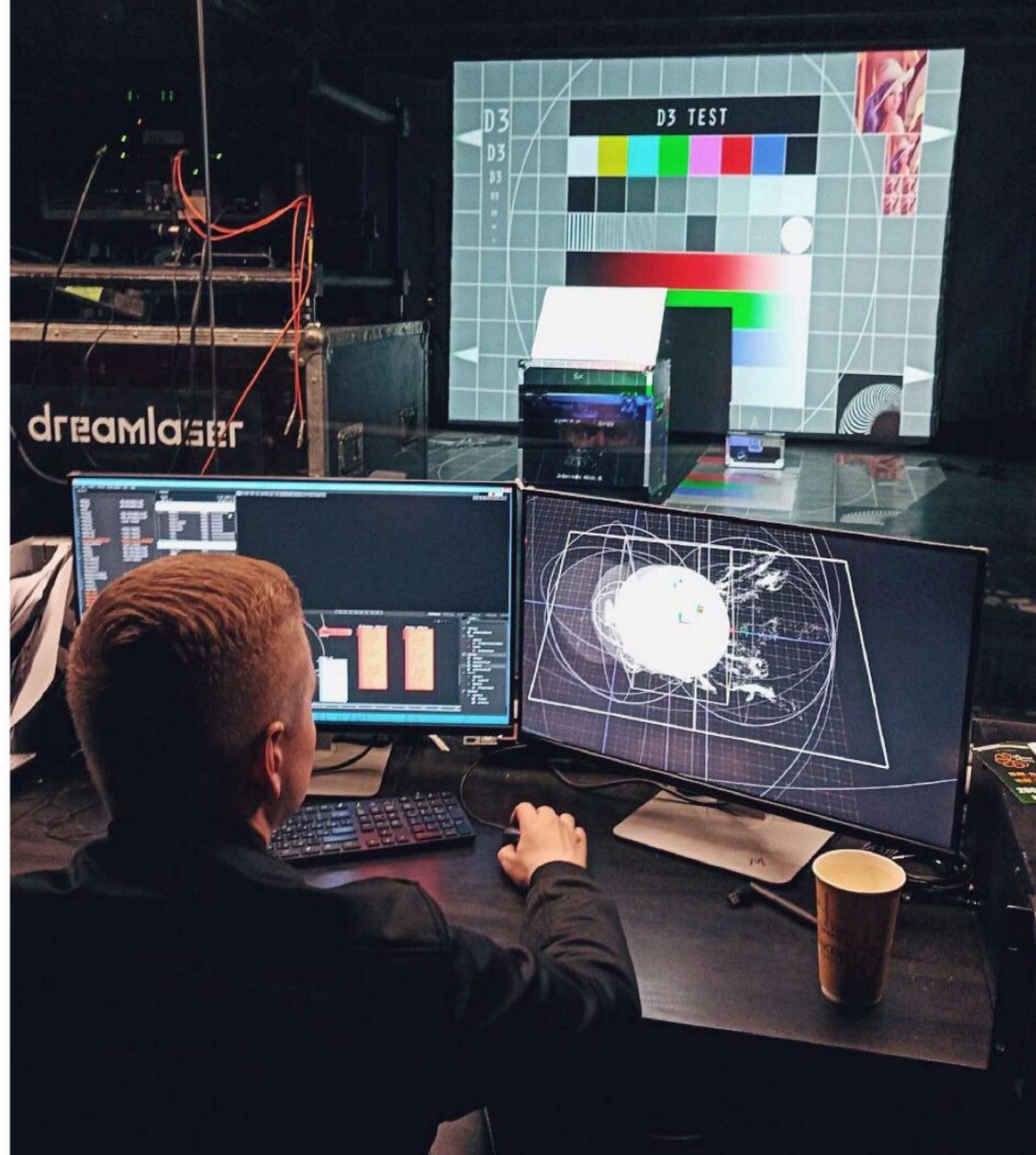
- Certification for operation of dangerous laser equipment
- Certification for maintenance of display cubes, video projectors, controllers, and related software from Christie Digital
- Fundamental training, advanced training, and in-house certified trainer courses in programming and setup of disguise (d3) media servers
- Permit for working at height (2nd group)
- Permit for working with electrical installations (3rd group voltage)



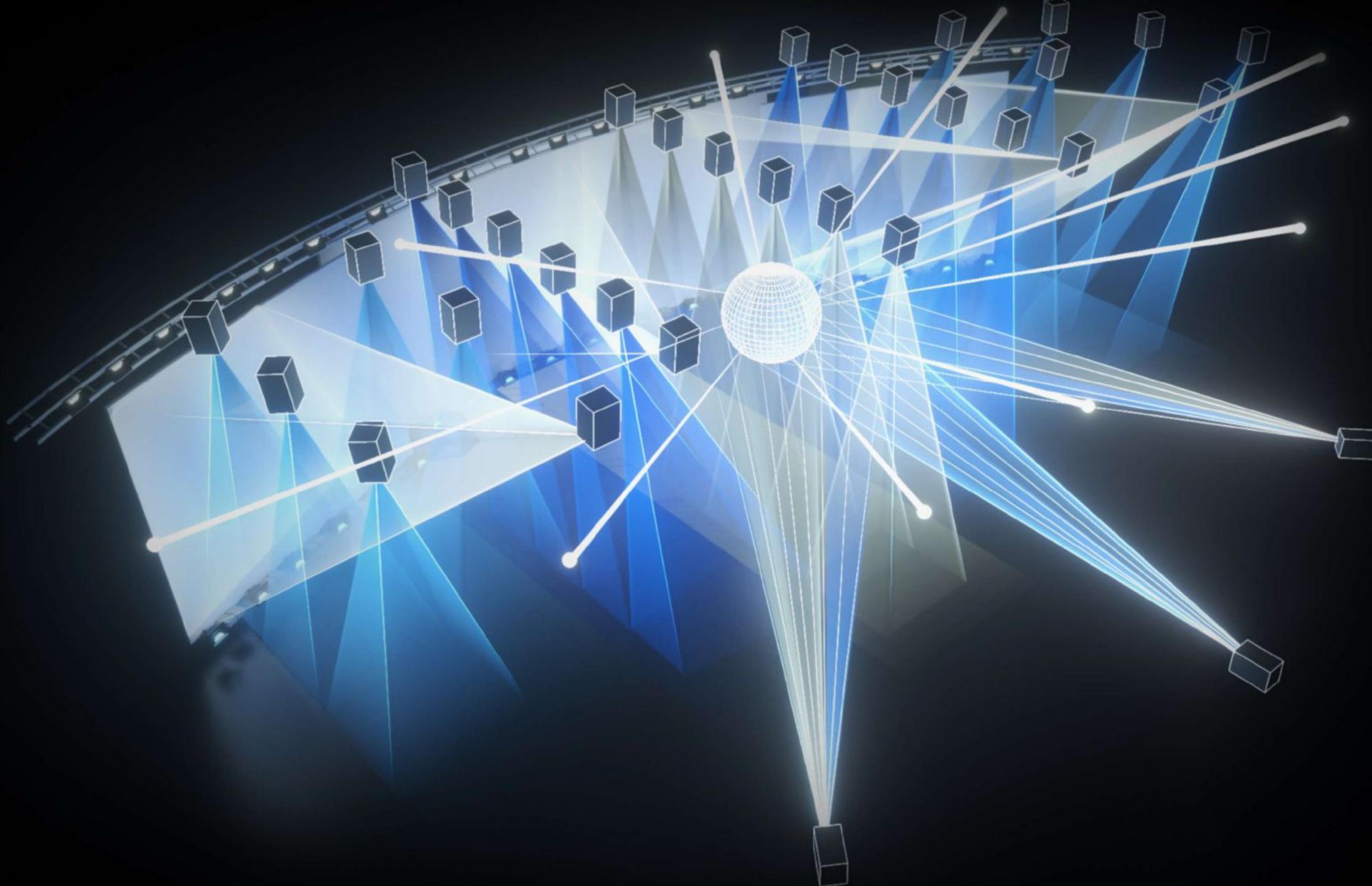
# BRANDS

We work directly with only the best equipment manufacturers:

- CHRISTIE DIGITAL
- PANASONIC
- DISGUISE (D3)
- LIGHTWARE
- PANGOLIN LASER SYSTEMS
- KVANT LASERS
- ABSEN
- BLACKTRAX
- STYPE
- MAGIC FX
- LAYHER
- MA LIGHTING
- SHOWTEX
- CHAINMASTER



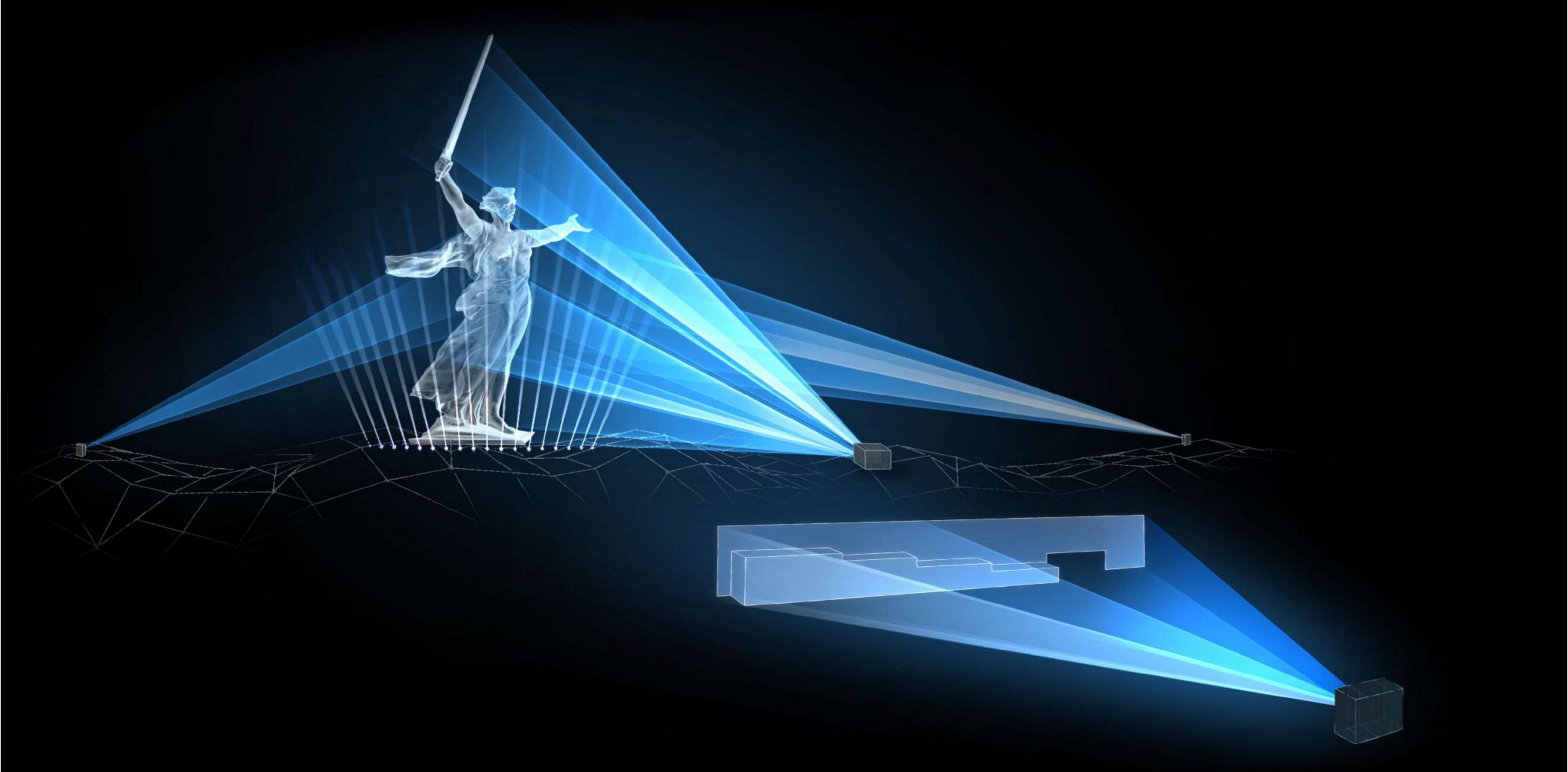
**SELECTED  
PROJECTS**



EXPO 2017

- 4 disguise 4\*4 PRO (d3) media servers
- BlackTrax intelligent tracking system, capture of 24 moving mapping objects
- 47 Panasonic DZ21K2E video projectors
- Lightware MX-FR65R matrix router

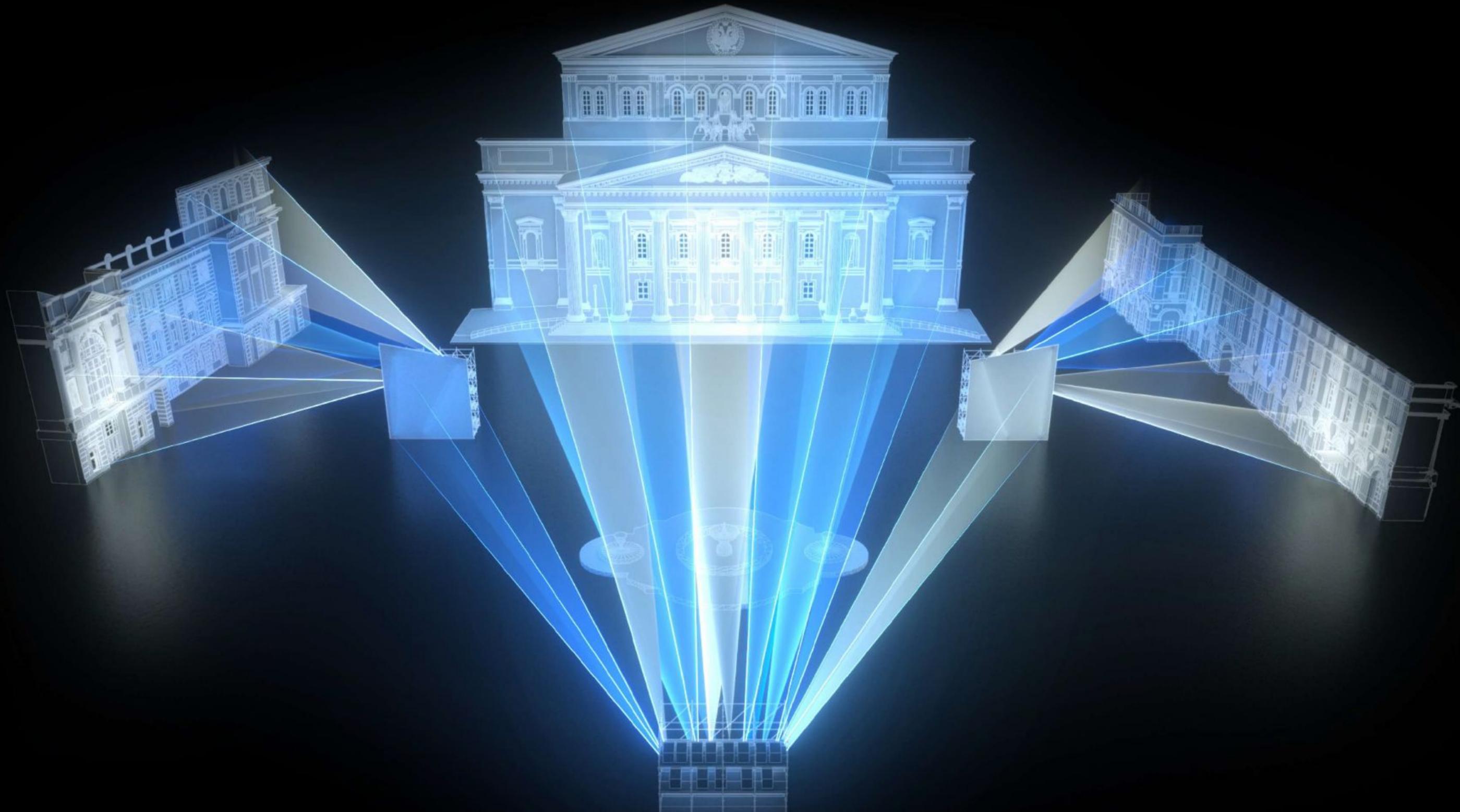
[vimeo.com/226744498](https://vimeo.com/226744498)



# THE MOTHERLAND CALLS

- 2 disguise 4\*4 Pro (d3) media servers
- 6 KVANT Spectrum 25w laser projectors
- 18 Light Sky Aqua Beam IP3500 BEAM (440W) lights
- 14 Panasonic DS20K2E video projectors
- Lightware MX-FR65R matrix router

[vimeo.com/295811925](https://vimeo.com/295811925)

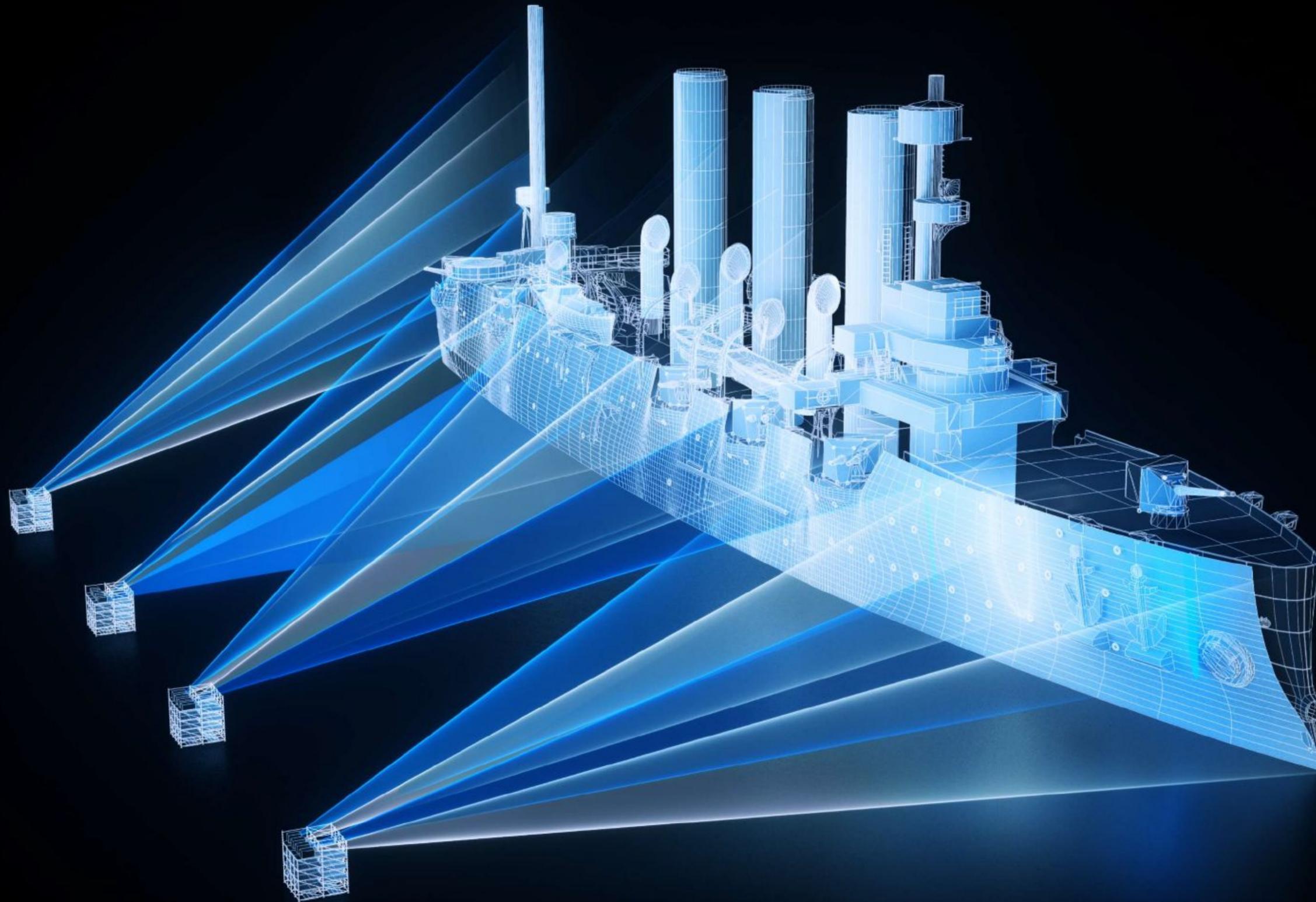


## CIRCLE OF LIGHT

- 4 disguise 4\*4 Pro (d3) media servers
- 4 KVANT Spectrum 25W laser projectors

- 62 Panasonic DS20K2E video projectors
- Lightware MX-FR65R matrix router

[vimeo.com/269183868](https://vimeo.com/269183868)



## THE AURORA CRUISER

- 20 Panasonic DS20K2E video projectors
- 2 disguise 4\*4 Pro (d3) media servers

- Lightware MX-FR65R matrix router

[vimeo.com/248444859](https://vimeo.com/248444859)



## YAMAL LNG

- 48 Panasonic DS20K2E video projectors
- 4 disguise 4\*4 Pro (d3) media servers

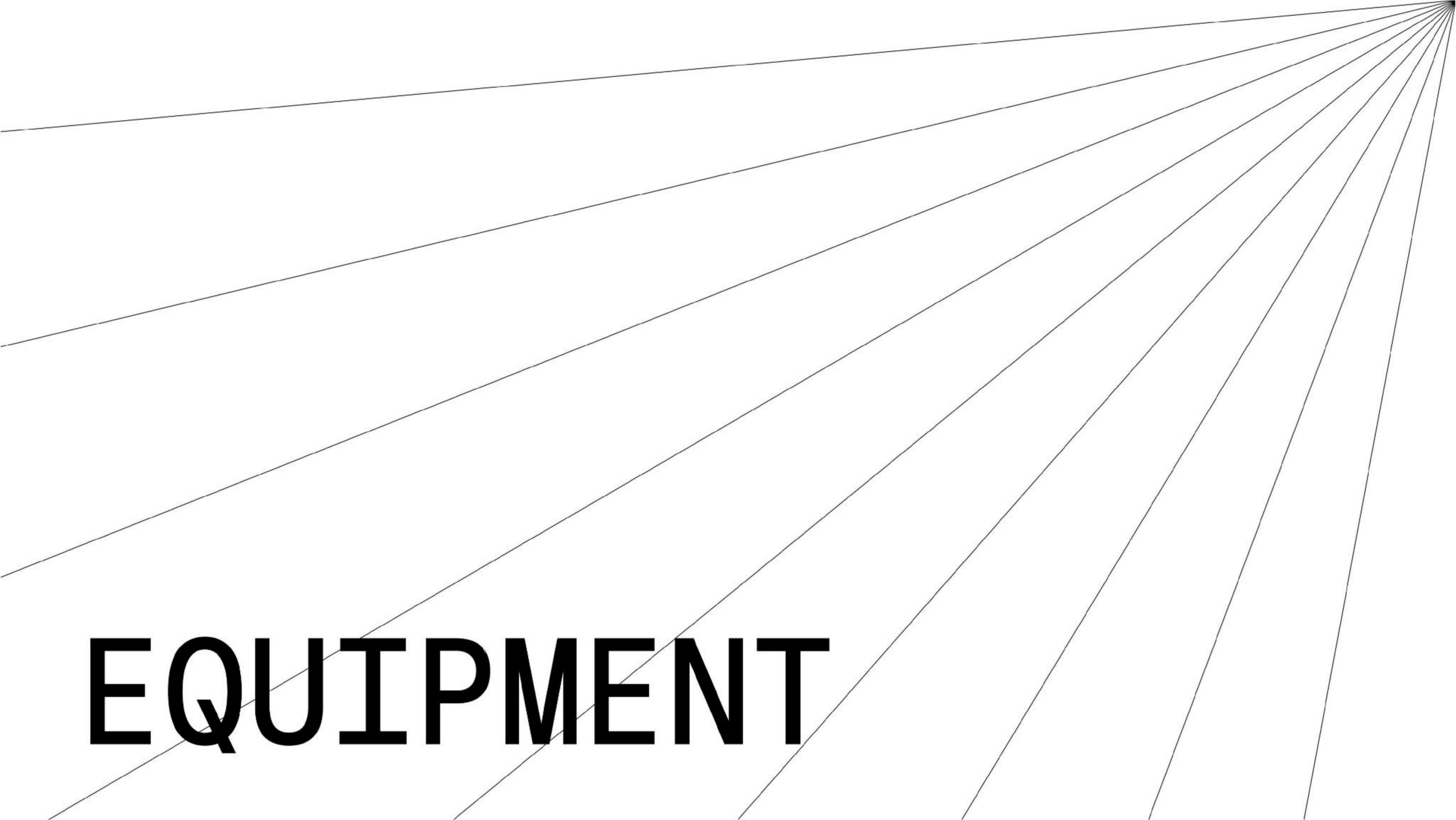
- Lightware MX-FR65R matrix router

[vimeo.com/301003401](https://vimeo.com/301003401)



**OUR AWARDS**





**EQUIPMENT**

# VIDEO PROJECTION EQUIPMENT

## CHRISTIE ROADIE D4K40-RGB PURE LASER PROJECTOR



- 3DLP 1.38'' DMD matrix
- resolution 4K (4096 x 2160), 120FPS
- brightness 40,000 lm
- contrast 5000:1
- dimensions 947x711x553mm, 130kg
- illumination Christie® Reallaser™

The next-generation Christie D4K40-RGB professional projector features 40,000-lumen brightness and 4K resolution, 5000:1 contrast, and a frame rate of 120fps, in combination with a laser light source and Reallaser technology, enabling it to cover more than 90% of the Rec. 2020 colour space and create bright, vibrant, and realistic images. The ideal projector for the highest-calibre events. The projector is less than half the weight of its closest competitor and significantly more compact, and can be operated for more than eight years without loss of quality or the need for maintenance.

24 UNITS

## CHRISTIE M 4K25 RGB 1 VIDEO PROJECTOR



- scope of application - installation projector.
- 3xDLP technology
- resolution 3840x2160
- projection factor 0.37 /10.40:1
- brightness 22500 ANSI lm
- RGB-Laser type
- input ports: HDMI x2, HDBaseT, DisplayPort, SDI x4
- dimensions 525x270x617 mm, 41.70 kg
- power consumption 2600W
- noise level 48.00 Db

The new installation projector Christie M 4K25 RGB pure laser with 25,000 lumen brightness and 4K UHD resolution is a new word in the series. It combines the most advanced features with compactness and small weight (only 41 kg), which are not equal in the market. RGB pure laser technology provides color transfer twice as much as the original M Series, which means bright and vivid images approaching the color coverage of Rec. 2020 - The color transmission standard closest to the range of colors that can distinguish the human eye.

12 UNITS

## CHRISTIE BOXER 4K30/2K30 VIDEO PROJECTOR



- 3DLP 1,38'' DMD matrix
- resolution 2K (2048 x 1080)
- brightness 30,000 lm
- contrast 2000:1
- dimensions 959x597x305mm, 72kg
- illumination 6\*450W NSH

The Christie Boxer 4K30/2K30 professional projector features 30,000-lumen brightness and 4K resolution, and stands out from the competition with its optimum brightness/resolution/ weight ratio. Its six-lamp system guarantees trouble-free operation and, with 360° rotation in all planes, enables the projector to be installed in any position. The most compact and effective 30,000 lumen projector available. The perfect solution for vibrant and dynamic events.

12 UNITS

PANASONIC PT-DS20K2E  
VIDEO PROJECTOR



- 3DLP matrix
- resolution SXGA (1400 x 1050)
- brightness 20,000 lm
- contrast 10000:1
- dimensions 620x255x730mm, 43kg
- illumination 4\*432W NSH

The Panasonic PT-DS20K2E professional projector differs from the PT-DZ21K2E by virtue of its lower resolution and, consequently, its lower price. This projector type serves as the cornerstone of any architectural projector show. A set of 50 projectors can be used to illuminate a surface of more than 6,000 sqm with 150-lux illumination.

50 UNITS

PANASONIC PT-DZ21K2E  
VIDEO PROJECTOR



- 3DLP matrix
- resolution WUXGA (1920 x 1200)
- brightness 20,000 lm
- contrast 10000:1
- dimensions 620x255x730mm, 43kg
- illumination 4\*432W NSH

The Panasonic PT-DZ21K2E professional projector's 20,000 lumens of brightness and 1920:1200-pixel resolution make it a real workhorse for large-scale projector installations and shows where the overall resolution of the content is especially important. Using an ET-D75LE95 Ultra Short throw lens makes it possible to achieve projection over a large area at a distance of 1-2 metres from the projector.

22 UNITS

CHRISTIE ROADSTER  
WU 14K-M VIDEO PROJECTOR



- 3DLP matrix
- resolution WUXGA (1920 x 1200)
- brightness 14,000 lm, 2500:1
- dimensions 259x500x561 mm, 25kg
- illumination Dual 450W NSH

The Christie Roadster WU 14K-M professional projector offers a brightness of 14,000 lumens and a high 1920:1200-pixel resolution. With its low weight, compactness, and reliability, it is the ideal solution for indoor installations. With 360° rotation in all planes, the projector can be installed in any position.

12 UNITS

CHRISTIE LX 1500  
VIDEO PROJECTOR



- 3LCD matrix
- resolution XGA (1024 x 768)
- brightness 15,000 lm
- contrast 2000:1,
- dimensions 35kg
- illumination 4\*330W NHS

The Christie LX 1500 professional projector is both the least expensive and the most powerful projector in its class. It makes an excellent choice for events requiring a high level of brightness (in order to counteract parasitic flare) for images with a lower resolution.

10 UNITS

CHRISTIE D4K40, BOXER 4K30/2K30 LENSES 	0.72:1 HB FIXED	30 UNITS
	1.31-1.63:1 HB ZOOM	30 UNITS
	2.71-3.89:1 HB ZOOM	30 UNITS
PANASONIC PT-DZ21K2E, PT-DS20K2E LENSES 	ET-D75LE10. WUXGA (1,3-1,7:1), SXGA+ (1,4-1,8:1)	34 UNITS
	ET-D75LE30. WUXGA (2,4-4,7:1), SXGA+ (2,6-5,1:1)	34 UNITS
	ET-D75LE40. WUXGA (4,6-7,4:1), SXGA+ (5,0-8,0:1)	24 UNITS
	ET-D75LE50. WUXGA (0,7:1), SXGA+ (0,8:1)	34 UNITS
	ET-D75LE95. 4K+ (0,39:1), WUXGA (0,36:1), SXGA+ (0,39:1)	4 UNITS
PANASONIC PT-DZ21K2E, PT-DS20K2E LENSES 	0.73:1 SX+/ 0.67:1 HD FIXED	12 UNITS
	1.5-2.0:1 SX+/ 1.4-1.8:1 HD ZOOM	12 UNITS
	2.8-4.5:1 SX+/ 2.6-4.1:1 HD ZOOM	12 UNITS
CHRISTIE LX 1500 LENSES 	0.8:1 FIXED	10 UNITS
	2.6-3.5:1 ZOOM	10 UNITS
	1.3-1.8:1 ZOOM	10 UNITS

# LED

## YESTECH MG7S P3.9 LED SCREEN



- pixel pitch 3.9 mm
- cabinet size 500x500x73 mm
- cabinet resolution 128x128 pix
- weight (kg/cabinet) 7.4
- LED refresh rate 1920 Hz
- Nova control system
- power consumption (W/cabinet) 210IP65
- module size 250x250 mm
- working environment - Interior/Outdoor

LED screen MG7S P3.9 featured customized 1416 full black LEDs, its brightness can be freely adjusted between 4500 nit and 1000 nit. Special LEDs are optimized after multiple matches, which is large current response interval. It can perfect meet the general needs of products indoor and outdoor use. Indoor and outdoor mode is freely adjustable. The pixel density of MG7S P3.9 can reach up to 65536 dots/m2 6.63 meters, which is more suitable for large indoor and outdoor events' watching demand.

300M<sup>2</sup>

## ABSEN PL2.5 LITE LED SCREEN



- pixel pitch 2,5 mm
- LED smd 1415
- module 500x500x87 mm, 200x200 pix, IP40/21
- brightness 1000nit,
- contrast 7000:1,
- LED refresh rate 3840Hz, (one array of LEDs)
- Double-sided locking at angles: -7.5 °, -5°, -2.5°, 0°, +2.5°, +5°, +7.5°, +10 °
- Double-sided lock at angle -90° 32 units.

The Absen PL2.5 Lite is a top-of-the-range LED screen with a 2.5mm pixel pitch and a high, 3840 Hz led refresh rate, which makes it ideal for use in conjunction with television broadcasts. Its 110% NTSC colour gamut and contrast of more than 7000:1 make the product a superior synergy of brightness and colour. The cabinets can be joined at an angle of between -7.5° and 10° at increments of 2.5°, or at an angle of 90°. A single led array covers 218 sqm of screen, ensuring uniform colour rendering over the entire screen area.

218SQM

## ABSEN MR4.8 SMD 3 IN 1 LED SCREEN (FLOOR) PANEL 0.5X0.5 M



- module size 500x500x91
- module 250x250 mm
- pixel pitch 4.8 mm
- LED refresh rate 3840 Hz
- module resolution 104x104 pix
- IP 65/ IP 54

LED screen with deep black hardened glass surface. The panel is about 10-30% thinner than normal. You can adjust the height of the panel if you are working on an uneven surface. The design of the high intensity frame guarantees the safety and strength that can withstand a load of up to 2,500 kg.

100M<sup>2</sup>

NOVASTAR MCTRL 660  
LED SCREEN CONTROLLER



- 12-bit / 10-bit HDMI input, DVI input
- HDMI / DVI output
- 1920x1200@60Hz

The Advanced Novastar MCTRL 660 Controller Is Distinguished By Its Quality And Reliability. It Offers A Capacity Of 2.3 Million Pixels As Well As Per-Pixel Brightness Calibration And Screen Colour Correction.

1000M

NOVASTAR MCTRL 660  
LED SCREEN CONTROLLER



- 4K UHD resolution 4096x2160@60Hz
- Maximum width up to 8K
- Multiple Video Inputs:  
DP1.2, HDMI2.0, Dual DVI
- Supports HDR10/HLG
- Supports 3 video bit depths:  
8-bit, 10-bit and 12-bit

Ultra-High Efficiency And Configuration Flexibility Are Combined In This LED Screen Controller. There Is The Possibility Of Wireless Remote Control. It Can Support 4Kx2K 60Hz And Maximum Width Up To 8K, Thus Meeting The On-Site Configuration Requirements Of Super-Long Or Super-Large LED Displays. 9.2-Million-Pixels Performance Allows For Pixel-By-Pixel Brightness Calibration And Color Correction.

4 UNITS

LED VIDEO RIGID BAR  
CLEN OPTOELECTRONICS CO.



- 1000x18x18mm
- IP67
- 64 LED pixel 5050RGB
- HDMI(DVI), Artnet
- DC24V

This highly advanced metre-long LED unit featuring 64 full LED screen pixels enables even the most unusual performance spaces to be transformed into a fully controllable video surface.

16 UNITS

# MEDIA SERVERS

## DISGUISE VX4 MEDIA SERVER



- video outputs: 4 X DisplayPort 1.2 (4096 X 2160 Max)
- video inputs 4x 4K@60 Max / 16x 3G-SDI
- control using DMX-512, Artnet, and MIDI SHOW Control protocols
- per-frame synchronization of several disguise systems
- real-time control of multi-layered video and digital slide combinations
- hardware specifications:  
Dual Intel® Xeon® Gold 3.2Ghz  
96GB DDR4 RAM  
2x 128GB SSD (Internal System Drives)  
4x 2TB Removable NVMe SSD (Default)

The disguise VX4 media server is the most powerful server available today. Built around an nvme raid drive array, the server can simultaneously play four streams of uncompressed 4k@60 resolution, 10-bit colour video. The VX4 can capture either sixteen 3G-SDI sources or four 4K sources at once. The VX4 is a universal tool for use with any projector. It enables control of video projection equipment, light units, and LED screens. Its 2 x 25gbe and 2 x 10gbe throughput allows it to transfer high-resolution content in real time without delays.

2 UNITS

## DISGUISE GX2 MEDIA SERVER (NOTCH)



- video outputs: 2 x DisplayPort 1.2 (4096 X 2160 Max)
- video inputs: 4x HD-SDI / 2x 3G-SDI
- control using DMX-512, Artnet, and MIDI SHOW Control protocols
- per-frame synchronization of several disguise systems
- real-time control of multi-layered video and digital slide combinations
- hardware specifications:  
Xeon Quad-Core 3.7Ghz  
16GB DDR4 RAM  
2x 80GB SSD (Internal System Drive, Restore Drive)  
2TB SSD

In addition to combining all of the advantages and strengths of other disguise servers, the disguise GX2 media server is also a fully-fledged graphics workstation developed to render graphics content in real time. The server is provided with a pre-installed license for the Notch software suite, a tool that makes it possible to create, model, render, combine, edit, and play generative graphics in real time.

2 UNITS

## DISGUISE 4X4 PRO MEDIA SERVER



- video outputs: 4 x DisplayPort 1.2 (4096 x 2160 Max)
- video inputs: 4 x HD-SDI / 2x 3G-SDI
- control using DMX-512, Artnet, and MIDI SHOW Control protocols
- per-frame synchronization of several disguise systems
- real-time control of multi-layered video and digital slide combinations
- hardware specifications:
  - 2x Xeon Hexa-Core 3.5Ghz
  - 32GB DDR3 ECC RAM
  - 2x 80GB SSD (Internal System Drive, Restore Drive)
  - 2TB Removable SSD RAID Array

The disguise 4x4 pro media server is used to create complex digital media installations and interactive environments. Thanks to its broad functionality and reliability, the 4x4 is used throughout the world for video projection mapping onto complex surfaces and stage design for performances.

4 UNITS

## DISGUISE RX MEDIA SERVER



- video output: 1x Displayport 1.4 (GUI)
- general Network: 2x 1Gb/sec Ethernet, 2x 10Gb/sec Ethernet
- high Speed Network: 2x 25Gb/sec Ethernet
- Data/Peripherals: 4x USB 3.0
- memory: 48GB DDR4 RAM
- media Storage: 1x 1.8TB NVMe SSD
- voltage: 100-240VAC, 50-60Hz
- power Consumption: 2000W
- secondary Expandable Storage: Up to 8x 2.5" SATA/SAS HDD
- operating System: Windows® 10 IoT Enterprise SAC
- CPU: Intel® Xeon® Silver 3.2Ghz

The rx range is the only turnkey solution for real-time rendering. Simple and code-free. The rx features the most powerful workstation GPU available. Increased rendering capabilities combined with more power, enables creatives to deliver their vision for virtual production. disguise is render engine agnostic, enabling creatives to select their preferred content engine. Unreal Engine and Notch are supported, allowing you to deliver the best possible visuals for your production.

1 UNIT

## DISGUISE 4X2 PRO MEDIA SERVER



- video outputs: 4 x DisplayPort 1.2 (4096 X 2160 Max)
- video inputs: 2x HD-SDI / 2x 3G-SDI
- control using DMX-512, Artnet, and MIDI SHOW protols
- per-frame synchronization of several disguise systems
- real-time control of multi-layered video and digital slide combinations
- hardware specifications:
  - Xeon Quad-Core 3.7Ghz
  - 16GB DDR4 RAM
  - 2x 80GB SSD (Internal System Drive, Restore Drive)
  - 2TB Internal SSD

The disguise 2x4 PRO media server is used to create complex digital media installations and interactive environments. Thanks to its broad functionality and reliability, the 2x4 is used throughout the world for video projection mapping onto complex surfaces and stage design for performances.

2 UNITS

DISGUISE 4U V2.5  
MEDIA SERVER



- video outputs: 4 x DisplayPort (2560 X 1600 Max)
- video inputs: 4x SD-SDI / 2x HD-SDI
- control using DMX-512, Artnet, and MIDI SHOW Control protocols
- per-frame synchronization of several disguise systems
- real-time control of multi-layered video and digital slide combinations

The disguise 4U V2.5 media server is used to create complex digital media installations and interactive environments. Thanks to its broad functionality and reliability, the 4U V2.5 is used throughout the world for video projection mapping onto complex surfaces and stage design for performances.

2 UNITS

# ADDITIONAL SYSTEMS

## BLACKTRAX INTELLIGENT MULTIMEDIA TRACKING SYSTEM



- BT Beacon - 50 units
- Server BlackTrax - 2 units
- BTController (timekeeper, router, e-sinc box)
- BTCamera 1,3 MPs - 24 units
- Beacon Docking Unit

The blacktrax intelligent multimedia tracking system consists of ir sensors, IR cameras, and a server which processes data on the position, rotation, and travel speed of the sensors to a precision of less than 5mm and transfers the data to a disguise server. This real-time data enables content to be attached to moving objects or generative content to be controlled. All devices can also be controlled using the DMX protocol. This system has already proven itself at hundreds of fascinating and high-profile events throughout the world. Ideal for interactive installations, multimedia performances, and business events.

2 SETS

## REDSPIY TRACKING SYSTEM



- camera and sensor unit: 6.3x10 cm, 350 g.
- controller board unit: 22x22x4 cm, 1.5 kg.
- package in hard case: 55x40x25 cm, 9.3 kg
- data delay: 1 field (16.7 ms for NTSC / 20 ms for PAL)
- interface: graphic touch screen
- data recording: supported for post-processing requirements
- supported lenses: Canon digital; Fujinon digital; other optics are supported by external encoders
- supported systems: Vizrt, ZeroDensity, Unreal, Unity 3D, Disguise, Wasp3D, Xpression, Frontier, Brainstorm, Avid, Ventuz, RTSoftware, ChyronHego, etc.
- positional resolution: <0.1mm;
- angular resolution: <0.003 degrees

RedSpy - optical camera tracking device for live broadcast and movie production, combining extreme precision and simple to use. The system works with any cameras, including manual ones and does not require recalibration. Reflective markers make RedSpy equally suitable for indoor and outdoor use. Also RedSpy is the perfect wireless solution for steadicams and handheld cameras. This is the first solution on the market with wireless data support.

1 UNIT

PANASONIC AW-HE130  
VIDEO CAMERA



- three newly developed 1/2.86-type MOS sensors
- optical image stabilizer
- lens with 1.4x extender zoom
- HD-IP, PoE+ streaming
- input audio jack, night mode
- AW-RP50 camera remote control

This remote-controlled robotic camera can be used both for recording for subsequent streaming via a media server to available screen surfaces, and for reproducing and monitoring the projection zone where there is no direct visibility from the control room.

4 UNIT

LIGHTWARE MX-FR65R  
64X32 MATRIX ROUTER



- EDID memory: 100 factory preset and 50 user programmable
- EDID emulation: 256-Byte extended EDID v1.3
- RS-232/422: optional (9600, 38400, 57600, 115200) Baud RX, TX (default: 57600)
- LAN: Ethernet 10Base-T / 100Base-TX (auto-sensing)
- WEB: built-in website
- temperature: 0°C to +50°C operational -40°C to +70°C storage
- humidity: 10 to 90% non-condensing
- EMI/EMC compliance: Yes, EN 55022 Class B
- RoHS compliance: yes

The MX-FR65R modular digital router supports the broadest range of digital/analog video signals. This is an innovative modular matrix switch for video signals with dimensions of 65 by 65, equipped with backup power and integrated control based on the MX-CPU2 module. All Lightware matrix switcher modules support DisplayPort, HDMI, 4K Ultra HD, 2K and 3D video signal processing at speeds up to 12.8 GB per second. The unique design of the input modules allows to receive DVI-I, 3G-SDI and others signals converting them to the most common formats for today, for example, HDMI + audio. The output modules convert and transmit signals via HDMI fiber optic cable, CatX cable or standard cable.

1 UNIT

LIGHTWARE MX12X12DVI-PLUS  
MATRIX ROUTER



- configuration: 12 inputs, 12 outputs
- data rate: 2.25 gbit/s per color
- resolution: 640x480 / 1920x1200 / 2048x1080
- 50 factory presets
- 50 user programmable presets
- overall dimensions (WxHxD): 440 x 160 x 176.5 mm
- weight: 5 kg

The 12x12 matrix DVI matrix switcher is used to efficiently build multi-screen display consoles. The signal source for each display is selected arbitrarily from the remote control. Displays can be located next to the switch or remotely provided the Gefen extension cable is used. The device can be controlled by an infra-red remote control or RS-232 interface.

1 UNIT

GEFEN EXT-DVI-848  
MATRIX ROUTER



- video amplifier bandwidth: 165 MHz per channel
- single link range: 1080p (HDTV) / 1920x1200 (PC)
- input video signal: 1.2 Volts p-p
- input DDC signal: 5 Volts p-p (TTL)
- remote control ports: one RS232 female, one mini-stereo
- DVI Connector: DVI-I 29 pin female (digital only)
- power supply: 24 V DC
- power consumption: 60 Watts (max)
- overall dimensions (WxHxD): 434 x 180 x 89 mm
- weight: 4 kg

The 8x8 matrix DVI matrix switcher is used to efficiently build multi-screen display consoles. The signal source for each display is selected arbitrarily from the remote control. Displays can be located next to the switch or remotely provided the Gefen extension cable is used. The device can be controlled by an infra-red remote control or RS-232 interface.

1 UNIT

FARO 3D LASER  
SCANNER SYSTEMS



- scanning speed: 122 000 - 976 000 pps
- precision: ±2 mm texture and colour capture
- distance measuring range: 0,6 - 120 m
- field of vision: 300° / 360°
- IP54, 240x200x100mm, 5 kg

Faro 3D laser scanner systems can produce measurements at distances of up to 120 metres at a speed of up to 976,000 points per second. Their built-in colour camera creates a non-parallax image with a resolution of up to 70 megapixels which is automatically applied to a point cloud. The resulting photorealistic spatial representation forms an excellent basis for the creation of 3D models of spaces or architectural facades. This in turn enables projector positions to be precisely calculated, optics to be selected, and 3D mapping content to be created that corresponds fully (to within 2mm) to the geometry of the projection surface.

1 UNIT

DISGUISE OMNICAL  
CAMERA-BASED PROJECTOR  
CALIBRATION SYSTEM



4\*5MP Machine Vision Cameras

Built around disguise media servers, the disguise omnical camera-based projector calibration system consists of four hardwired fisheye video cameras and a suite of software that uses machine vision to enable cross- matching of a real projection space with a pre-prepared virtual space. This means that the process of setting up and calibrating tens or hundreds of projectors now takes hours rather than days.

1 UNIT

# LIGHTING EQUIPMENT

AQUA BEAM LIGHT SKY  
IP3500 LIGHT



- 450W USHIO NSL450 lamp
- 8+16-facet prism
- beam angle:
  - beam mode 1.8°
  - wash mode 6°-45°
- IP66

Rotating Aqua Beam light for street venues and long-term open-air installations. A powerful, almost tangible beam, high rotation speed, precision controllability, and reliability - an ideal combination for high-profile, large-scale shows in all weather conditions.

26 UNITS

MA LIGHTING  
GRANDMA3 LIGHT  
CONSOLE



- real-time control of up to 250,000 parameters per session in combination with grandMA3 processing unit
- 6 DMX outputs
- 1 DMX input
- 41 rotatable RGB backlit encoders
- 5 backlit dual encoders
- 15 motorised and backlit 60mm faders
- 2 backlit and motorised A / B 100mm faders
- 60 independent playbacks
- 16 assignable x-keys
- built-in uninterruptible power supply (UPS)

This is lite edition of advanced grandMA3 light console. Distinctive features of this console are versatility, functionality and ease of use. MA Lighting grandMA3 light allows the lighting designer to solve any problems quickly and efficiently in the process of preparing managing light or multimedia shows at any event.

1 UNIT

# LASER EQUIPMENT

KVANT RGB SPECTRUM 25W  
LASER PROJECTOR



- power 25W (5,8W/637nm Red, 8W/532nm Green, 11W/445+460nm Blue)
- beam divergence 1,1mrad
- beam diameter 5mm
- colour scale 16,8 million colours
- control protocols ILDA, DMX, through Ethernet и Wi-Fi
- dimensions 421x244x353mm, 34kg, IP54
- scanning system Cambridge technology CT 6215 HP

The KVANT RGB Spectrum 25W laser projector is perfectly suited to large venues and spaces, both for light shows and for animated shows. Spectrum full-colour laser systems consist of high-quality laser modules together with OPSP lasers from coherent and jena optic. A built-in FB4 controller from Pangolin enables the laser projector to be controlled directly by computer.

6 UNITS

KVANT RGB SPECTRUM 16W  
LASER PROJECTOR



- power 16W (4W/637nm Red, 8W/532nm Green, 4W/445+460nm Blue)
- beam divergence 1,1mrad
- beam diameter 5mm
- colour scale 16,8 million colours
- control protocols ILDA, DMX, through Ethernet и Wi-Fi
- dimensions 391x465x260mm, 36kg, IP54
- scanning system Cambridge Technology CT 6215 HP

The KVANT RGB Spectrum 16W laser projector is perfectly suited to large venues and spaces, both for light shows and for animated shows. Spectrum full-colour laser systems consist of high-quality laser modules together with OPSP lasers from coherent and jena optic. A built-in FB4 controller from Pangolin enables the laser projector to be controlled directly by computer.

2 UNITS

### KVANT RGB SPECTRUM 12W LASER PROJECTOR



- power: 12W (2W/637nm Red, 6W/532nm Green, 4W/445+460nm Blue)
- beam divergence: 1,1mrad
- beam diameter: 5mm
- colour scale: 16,8 million colours
- control protocols: ILDA, DMX, through Ethernet и Wi-Fi
- dimensions: 302x380x250mm, 28kg, IP54
- scanning system: Pangolin Saturn 5

The KVANT RGB Spectrum 12W is ideal for animated shows, with a built-in Pangolin Saturn 5 scanning system that makes it suitable for use both at indoor venues and in open spaces. Spectrum full-colour laser systems consist of high-quality laser modules together with OPAL lasers from Coherent and Jena Optic. A built-in FB4 controller from Pangolin enables the laser projector to be controlled directly by computer.

9 UNITS

### ARCTOS FORTIS RGB 6,5W LASER PROJECTOR



- power: 6,5W (1,5W/642nm Red, 3W/532nm Green, 3W/450nm Blue)
- beam divergence: 0,8mrad
- beam diameter: 3mm
- colour scale: 16,8 million colours
- control protocol: ILDA
- dimensions: 390x212x260mm, 20kg
- scanning system: Cambridge Technology CT 6800

The Convenient, Compact Arctos Fortis RGB 6.5W Is Designed Especially For Laser Animated Shows Held At Indoor Venues. High-Quality, Reliable, And Precise.

1 UNITS

### KVANT RGB CLUBMAX 3W LASER PROJECTOR



- power: 3w (1w/637nm red, 1w/520nm green, 1w/445nm blue)
- beam divergence: 1mrad
- beam diameter: 3,5mm
- colour scale: 16,8 million colours
- control protocol: ILDA
- dimensions: 262x256x168mm, 9kg, ip54
- scanning system: pangolinscannermax

The KVANT ClubMax 3W laser projector is compact, light, reliable, and inexpensive – the ideal choice for light shows at smaller indoor venues.

5 UNITS

MOVING HEAD  
LASER BAR RED  
LASER PANEL



- power 8\*600mW/638nm Red
- control protocol DMX
- rotation angle 270°
- dimensions 1070x80x68mm, 10kg

Unique metre-long laser unit featuring eight powerful red laser transmitters in parallel orientation. Tilt control within 270 degrees around the laser panel's axis makes this unit ideal for stage lighting and for creating light shows.

30 UNITS

LASER BEAM LIGHT SPL-R-50  
( 500MW 638NM RED )



- power consumption: 500 MW
- control protocol: DMX, Master-slave, Sound, Auto
- weight 1.3kg
- dimensions 260x200x145 mm

Laser beam light SPL-R-503: compact, lightweight and powerful (500MW) device with a red light emitter, controlled by DMX is an excellent option for indoor installations and various light and multimedia shows.

625 UNITS

INFLATABLE ARCH  
WITH 12X9M  
PROJECTION SCREEN



- direct/rear projection
- screen type: projection gauze
- size of working surface (WxH): 1000\*800

Designed for street installations. Enables deployment of a large projection gauze for laser shows at any venue without the need for additional structures.

1 UNIT

INFLATABLE ARCH WITH  
17X12M PROJECTION SCREEN



- direct/rear projection
- screen type: projection gauze
- size of working surface (WxH): 1600\*1000

Designed for street installations. Enables deployment of a large projection gauze for laser shows at any venue without the need for additional structures.

1 UNIT

MIRROR SYSTEM,  
GAUZE SCREENS,  
FOG, SMOKE,  
AND AIR GENERATORS,  
ETC.

ON REQUEST

# PROJECTIONS SCREENS AND SYSTEMS

## EYELET PROJECTOR SCREENS (TRUSS FRAME)



- 16x9m, 30' truss  
direct projection - 2 units  
rear projection - 2 units
- 8x6m, triangular truss  
direct projection - 2 units  
rear projection - 2 units
- 6x4,5m, triangular truss  
direct projection - 2 units  
rear projection - 2 units

## PROJECTION SCREENS (ALUMINIUM FRAME)



- 6,5x3,7m  
direct projection - 2 units
- 4x3m  
direct projection - 2 units  
rear projection - 2 units
- 3x2m  
direct projection - 2 units  
rear projection - 2 units

## DMX ROLL-UP MOTOR SCREEN 4-6 M



- 6x9m ShowTex  
black projection gauze - 4 units
- 6x9 M  
white translucent  
projection canvas - 4 units
- 4x10 M  
white blackout  
projection canvas - 4 units

## KABUKI SCREEN CURTAIN DROP SYSTEM



- DMX control protocol, 10w, 230V
- 4-channel Magic FX Effect'ivator control panel
- Kabuki Magic FX curtain clamp
- 40 units

# STAGE CONSTRUCTION

<p>LAYHER METRIC</p>		<p>ON REQUEST</p>	<p>PROLYTE 40' TRUSSES</p>		<p>100 M</p>
<p>LAYHER FLOOR 2X1</p>		<p>60 UNITS</p>	<p>IMLIGHT 30' TRUSSES</p>		<p>100 M</p>
<p>SPHERICAL TENT D10M</p> <ul style="list-style-type: none"> <li>• floor area 79sqm</li> <li>• white tent</li> </ul>		<p>1 UNIT</p>	<p>CHAINMASTER CHAIN WINCHES</p> <ul style="list-style-type: none"> <li>• load capacity 1 tonne</li> <li>• chain length 28m</li> </ul>		<p>12 UNITS</p>
<p>SPHERICAL TENT D14M</p> <ul style="list-style-type: none"> <li>• floor area 154sqm</li> <li>• white tent</li> <li>• blackback blackout fabric</li> </ul>		<p>1 UNIT</p>			

INSTAGRAM

BEHANCE

VIMEO

FACEBOOK

YOUTUBE