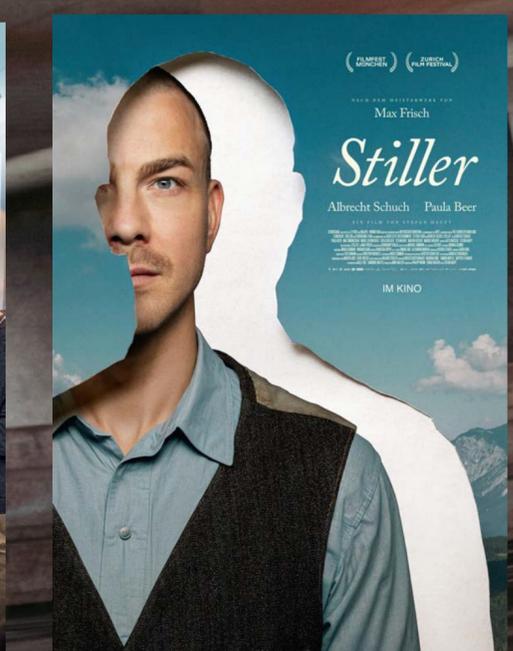# HYPER BOWL

VIRTUAL PRODUCTION
SERVICES

Trusted with more than 150 different virtual productions in the past five years – including feature film and a wide range in the commercial space from automotive to FMCG.
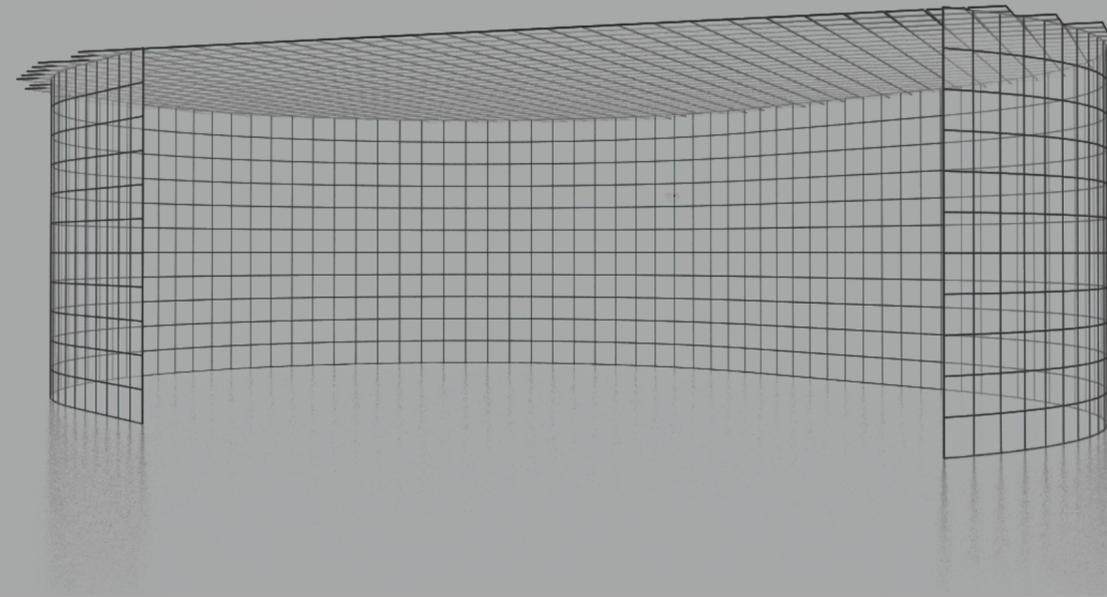
Services selection

▸ Holistic Project Evaluation under the VP Angle

▸ Tech Visualisation

▸ Pre Visualisation

▸ Virtual Art Department

▸ Photogrammetry and Location Scanning

▸ (Driving) Plates

▸ Digital Asset Creating

▸ Virtual Art Department

▸ Post Renderings

▸ VP-VFX Supervision

VOLUME

SPECIFICATIONS

VOLUME

Total LED surface	500 sqm (5,380 sq ft)
Floor space	20.32 x 14.32 m (66' 8" x 46' 11.8")
Inside Volume Studio Surface	Approx. 290 sqm (3,121 sq ft)
Studio Clearance	5.43 m (17' 9.8")
Pixel Pitch	2.6 mm
Brightness	1500 Nits
Wide gamut (DCI-P3), Color calibrated workflow via ARRI or OpenVPCal, Sony and RED cameras	

LED HORIZON

Horizon Surface Area	236.5 sqm (2,545 sq ft)
Total Dimensions	43 x 5.45 m (141' 0.9" x 17' 0.7")
Resolution	16,512 x 2,112 pixels
Optional Gate	Up to 82.5 sqm (888 sq ft)

LED SKY

Sky Surface Area	Approx. 294.5 sqm (3,170 sq ft)
Total Dimensions	19 x 15.50 m (62' 4" x 50' 10.2")
Resolution	7,296 x 5,952 pixels

ADD-ONS

Dimensions can be extended depending on technical needs
Up to 23 load points in sky surface for additional lighting or rigging
Approx. 1,000 sqm (10,763 sq ft) indoor preparation area

RENDER

SPECIFICATIONS

RENDER HARDWARE

Render Nodes	10x Output 2x Frustum/Spares
GPU	NVIDIA RTX6000 Ada
Processor	AMD Threadripper Pro 3975WX
Storage	4TB NVMe Raid 0
Network	10 GbE Network 100 GbE Mellanox

RENDER SOFTWARE

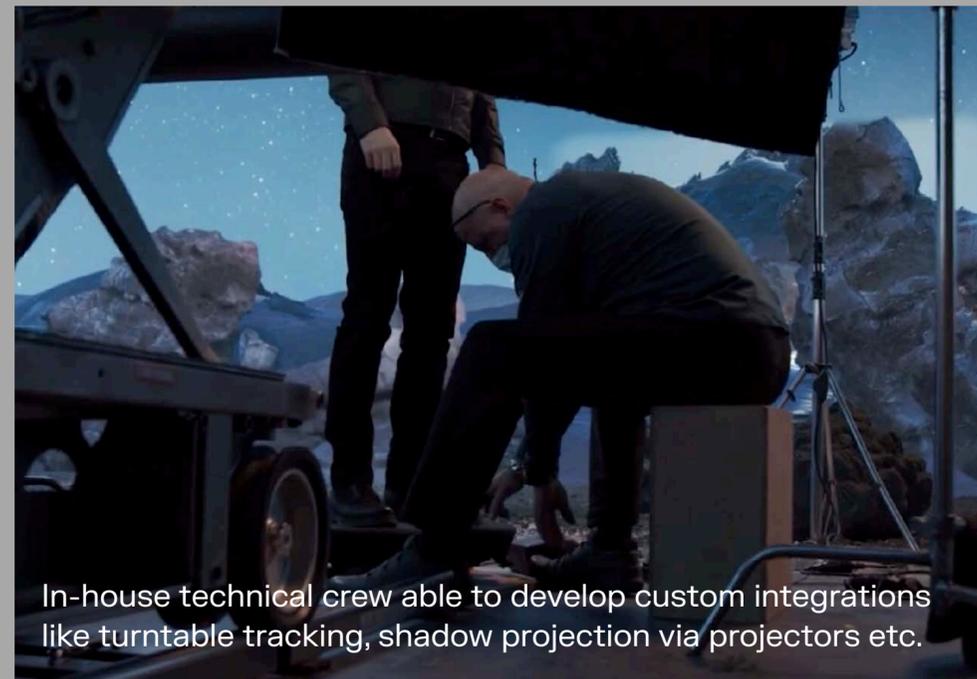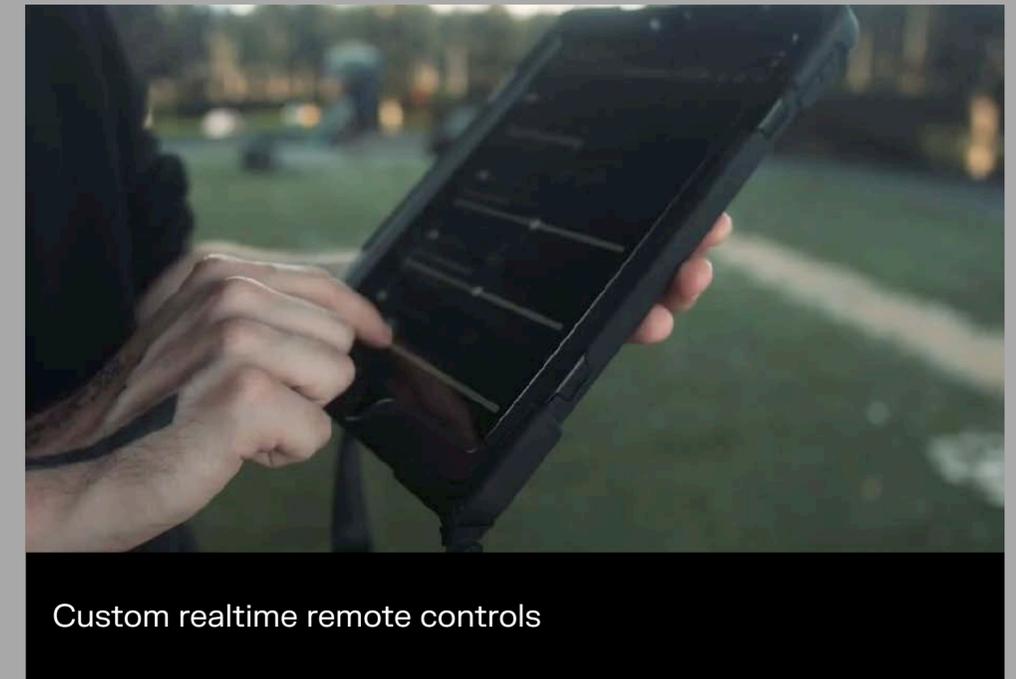|	
Software	Unreal Engine 5.6 Custom Build
Setup	12x Render Nodes, 3x Control Nodes, 1x Tracking Server
Color Management	OpenVPCal and ARRI VP Color Calibration implemented
Supported Frame rates	Up to 60 fps

Additional artist workstations available

Multiple camera frustums without render performance degradation

Sky

Horizon

Seamless transition between LED Horizon and Sky

In-house technical crew able to develop custom integrations like turntable tracking, shadow projection via projectors etc.

Custom realtime remote controls

STUDIO

SPECIFICATIONS

FACILITY

Temporary offices with furniture and infrastructure are provided upon request

The studio is shaded, also according to secret products like concept cars

Enough space for client's workshop and storage

Secure prep rooms inside the studio

Catering service available upon request

100 % green electric power supply

Power supply for large charging infrastructure of electric vehicle fleet

STUDIO
SPECIFICATIONS

RESTROOMS MEN

RESTROOMS WOMEN

FITTING 1 FITTING 2 FITTING 3

PRODUCTION OFFICE

HYPERBOWL OFFICE

STAFF AREA

CATERING

approx. 30m (98' 5")

approx. 30m (98' 5")

STUDIO GROUND LEVEL

6m (19' 8")

9.10m (29' 10")

approx. 14.5 m (47' 6")

approx. 16m (52' 6")

4.20m (13' 9")

3.5m (11' 5")

RAMP

STUDIO LED LEVEL +0.30m

approx. 20 m (65' 7")

LED STAGE

9.30m (30' 6")

COMMAND

4m (13' 1")