WICREATIONS

WIMOTION

STAGE MOTION ECOSYSTEM

PIC BY ANTHONY GHNASSIA

WI

WHAT IS WIMOTION

1 solution 360° for all automated motion elements of a show ranging from very simple vertical moves to highly complex configurations allowing control up to hundreds of scenic & staging devices.

WIMOTION fluidly integrates with dynamic video content, light, immersive sound and whatever amazing motion effects creative minds can imagine to make their show UNIQUE.

PROJECT FLOW

DESIGN

CONSTRUCTION

AUTOMATION

MOMENT SUPRÉME

SAFETY

PRECISION

EFFICIENCY

RELIABILITY

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IT'S SHOW TIME

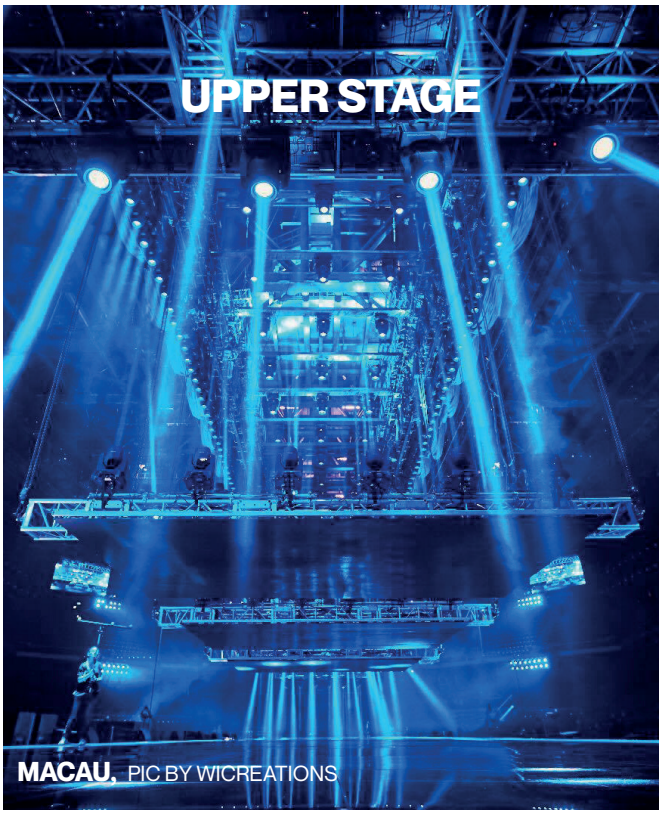
MOTION EFFECTS

01

If you can dream it we can move it. And we sure have all the experience to do so. After years of using the available products in the market and never being fully satisfied, we decided to start developing our own control solution for show motion. Birth was given to a very complete automation system with an unlimited potential for creative effects. Every project idea from modest to mogul is a challenge and finds its way to our hearts and our prime tech.

SO JUST DREAM BIG.

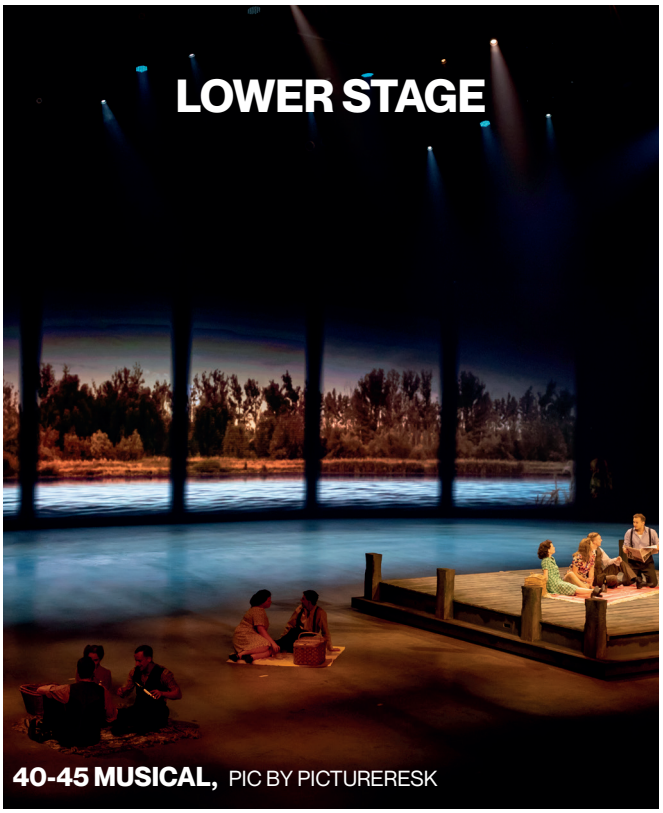
6 DIMENSIONS OF MAGIC



MACAU, PIC BY WICREATIONS

In former days and basic forms, stage automation meant pre-programming motion of scenic and staging elements (including people) 1 directional namely up and down in repetitive synchronized motion sets. This is however a narrow and outdated scope of motion no longer meeting the increasing demands for highly sophisticated show effects.

Advanced WIMOTION technology offers the possibilities to move objects around 3 axes vertical (Z-axis), horizontal (X-axis) and through the depth of stage (Y-axis), an axis being an imaginary line dividing space into 2 parts. An object can also rotate around these axes resulting in tilting (Y-axis), pitching (X-axis) and rolling (Z-axis) thus creating 6 dimensions.



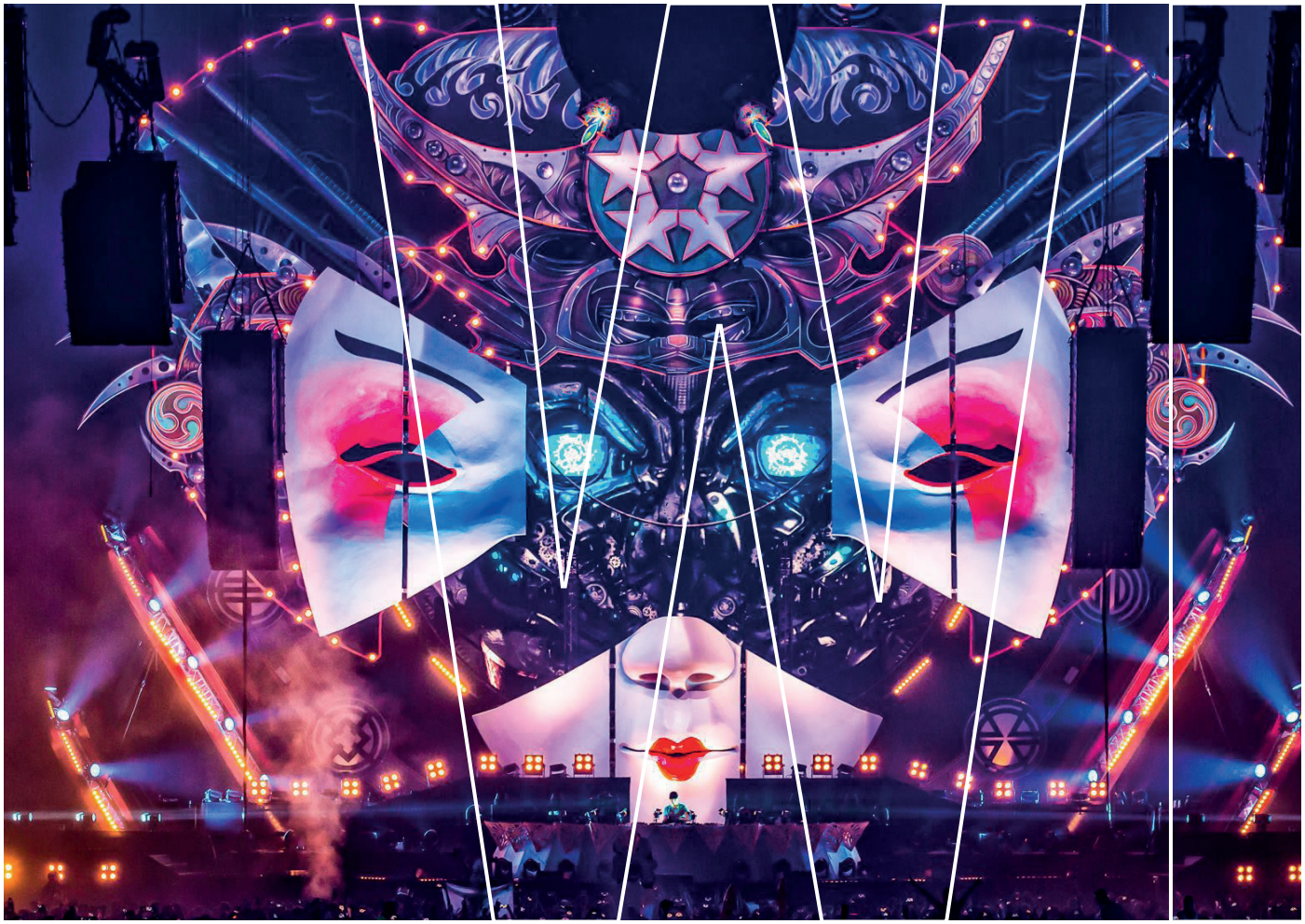
40-45 MUSICAL, PIC BY PICTURERESK

Moving weights is not without risks. Multi-axes motion with variable speed scenarios offers a huge potential for the most spectacular effects. Therefore only prime automation technology compliant with the most stringent international safety regulations is fit for the technical translation.

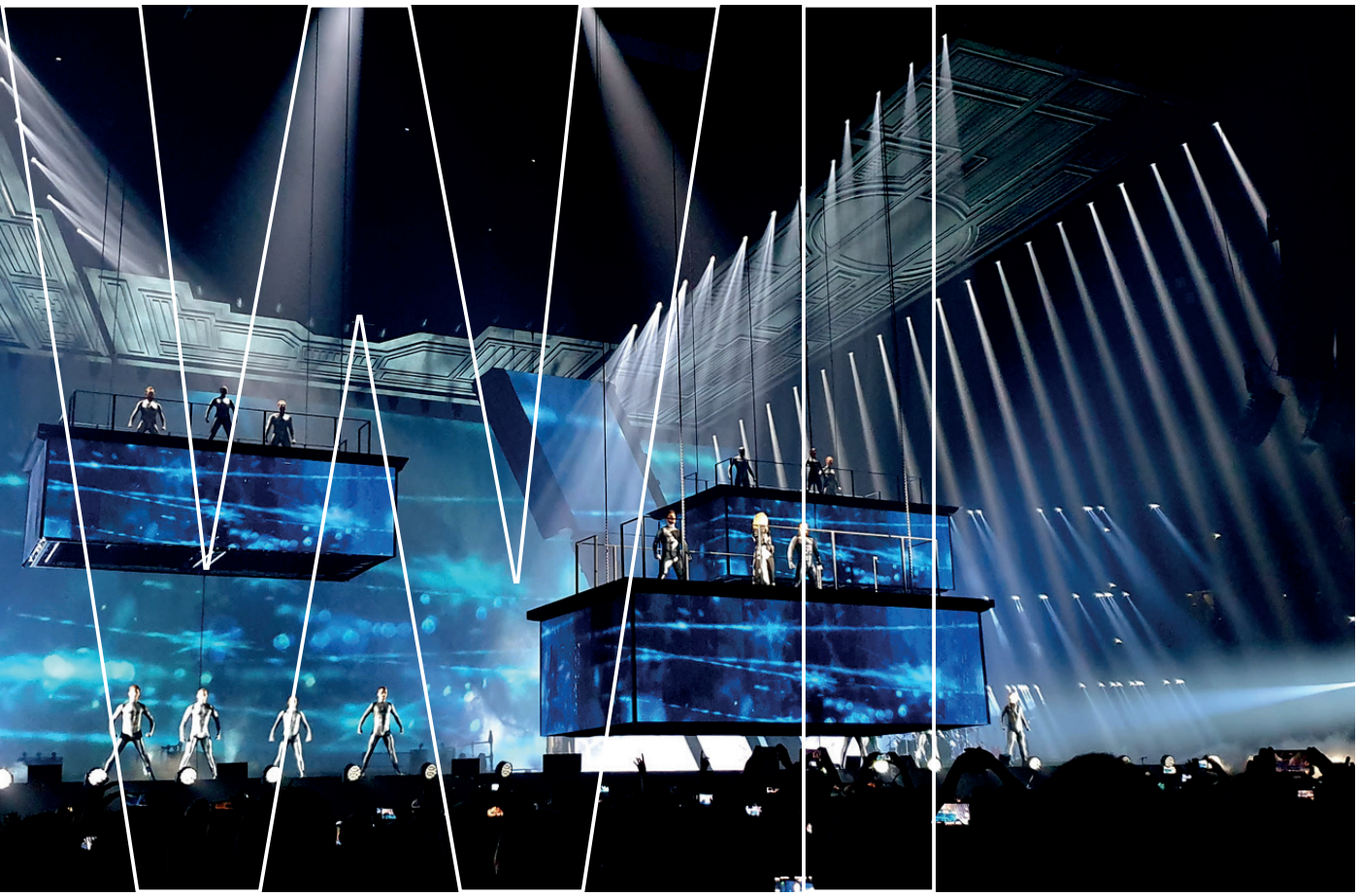
> WIMOTION is compliant with the EN17206 standard Allowing the most spectacular show effects in a guaranteed safe way.

TRACKING, ROTATING AND ROLLING SCENIC OBJECTS

Everybody loves action. So amaze your audience by fluidly infusing high impact moves to your show elements. Integration of motion in scenic is our piece of cake as WIMOTION automation software controls a wide range of products, systems and devices that in the configuration of your choice guarantee flawless automated motion effects.



QLIMAX, ELEVATING, TRACKING AND ROTATING SCENIC, PIC BY QLIMAX



MYLENE FARMER, PERFORMER ELEVATING, PIC BY UNITEDSTATESOFPARIS

PERFORMER ELEVATING, FLYING PEOPLE AND ARIAL ARTISTS

Even Mega Mindy requires a little hand up in the air from time to time. From straightforward performer elevating over flying people to breath taking acrobat spectaculars: WIMOTION always lifts up to the highest emotions.

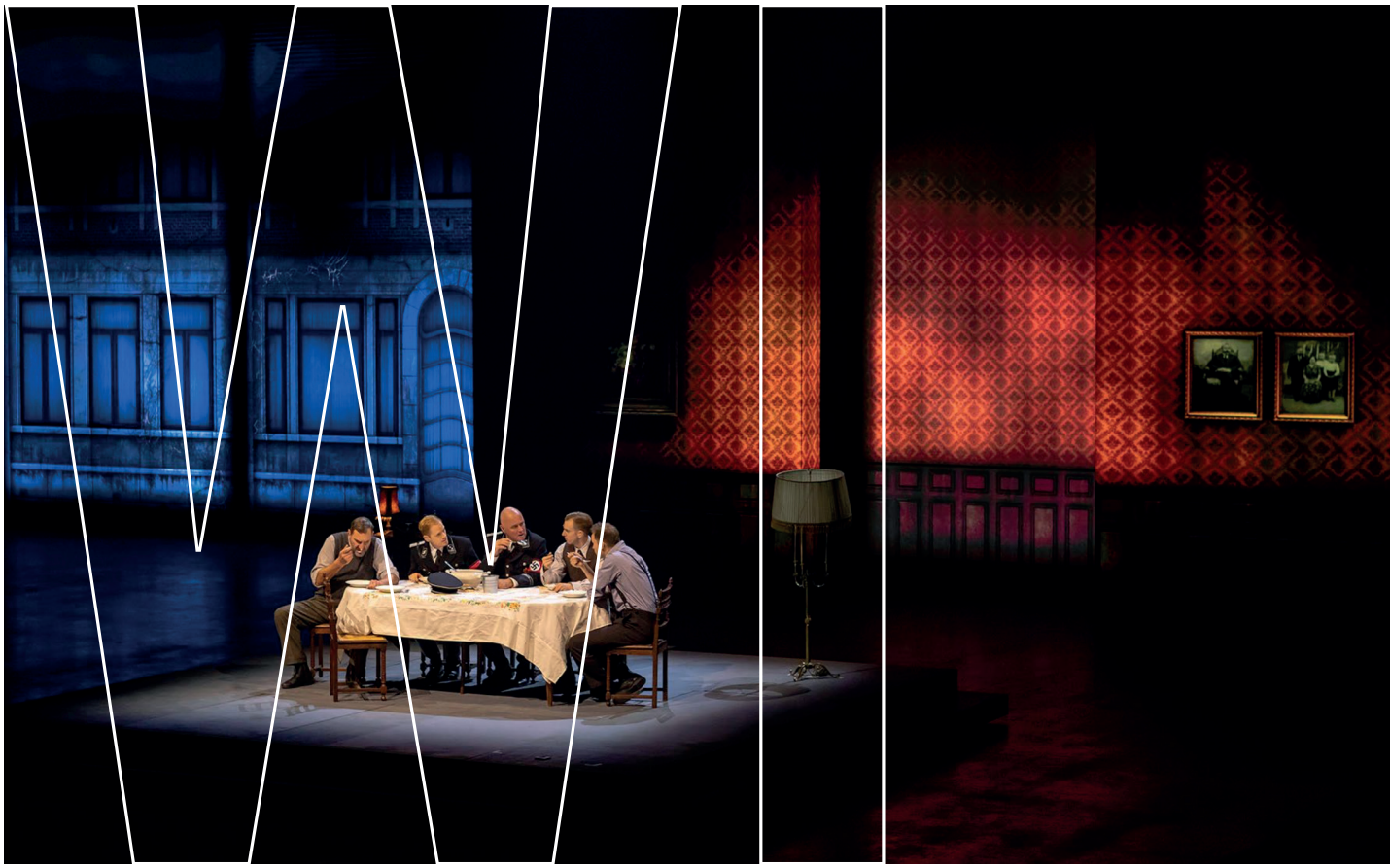
It's every creative's dream to bring out the jamais vue and add a sparkle or - why not – an entire spectacle to his or her show.

So if you are up for some mind blowing effects through automated sets of synchronized performers moves, we've got you secured.
Audiences adore it, press goes wild and social media explode.

WIRELESS CONTROLLED SCENIC AND STAGING

WIMOTION has all the right motion elements to create emerging experiences from out of the stage. Development of tailor made scenic pieces is done in our warehouse in Heist-op-den-Berg.

Our R&D is equipped to design elements going from handicraft stage material to high tech configurations. Fabrication and assembly are based on years of practice. Focus lies on precision, safety, efficiency and reliability.



40-45 MUSICAL, WIRELESS CONTROLLED SCENIC & STAGING, PIC BY PICTURERESK

AUDIENCES IN MOTION

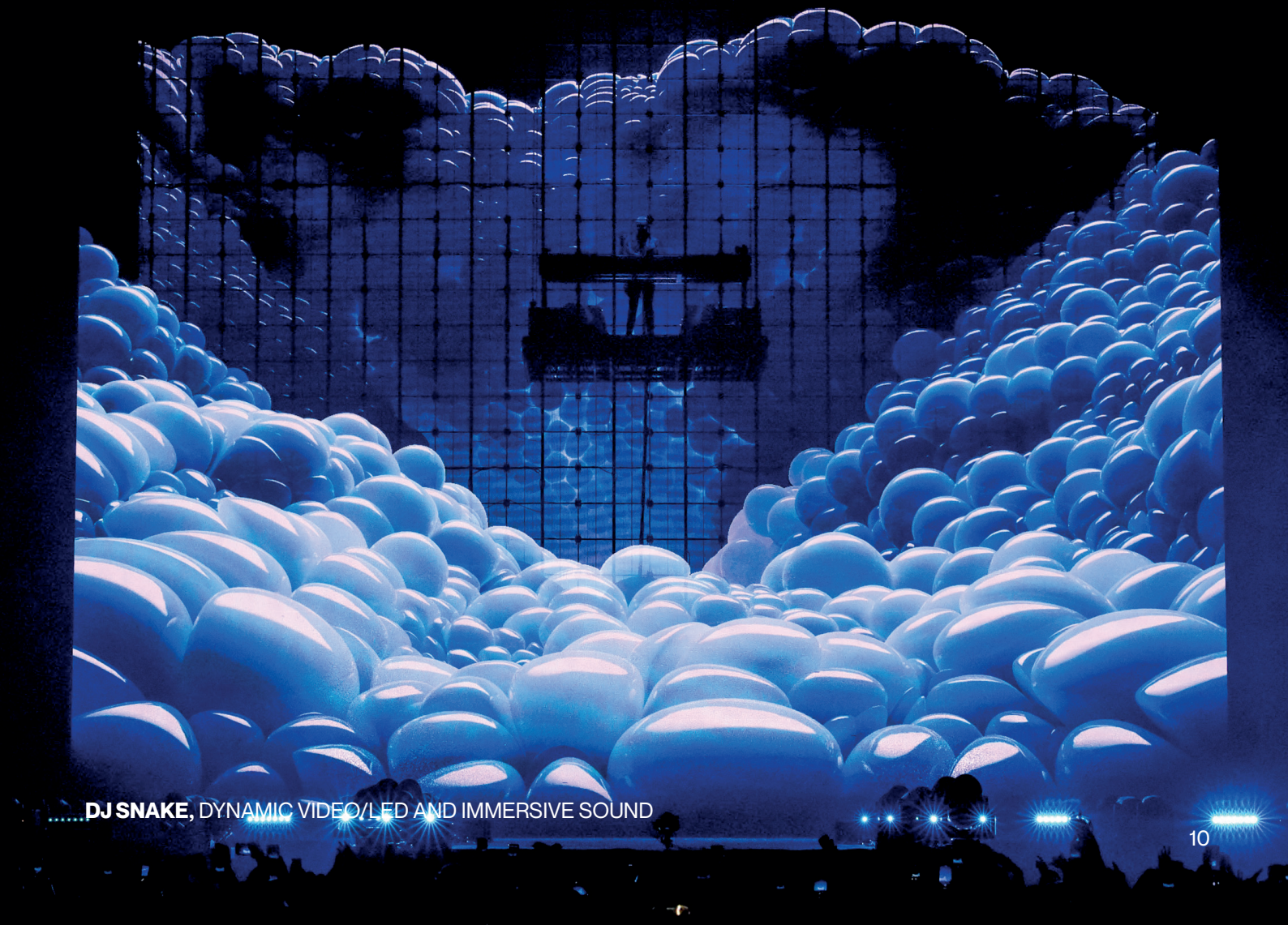
Revolve your audience around a static stage
and create new and unseen sightlines.
A 360° full immersive experience for
every spectator from every seat.

THE BATTLES, WIRELESS CONTROLLED AUDIENCES, PIC BY PICTURERESK

DYNAMIC VIDEO, LED, LIGHT AND IMMERSIVE SOUND

Connection between lights, LED, video content, sound and motion has never been this easy and safe.
WIMOTION software allows exact position casting and tracking of other show elements, resulting in a true 3D experience. Moving elements perfectly synchronize media content.

Lighting reacts accordingly with the truss in motion to which it has been rigged on.
Moving LED elements light up when arrived at a certain point. Immersive sound plays related to an exact show position.
The new era in dynamic show content is all about immersive live experiences



DJ SNAKE, DYNAMIC VIDEO/LED AND IMMERSIVE SOUND

AUTOMATED RIGGING

01

AUTOMATED RIGGING

WIMOTION offers all the safety needed for a rigger to install complex grids simply by programming devices into groups. Its integrated load monitoring will help cross check the total load of an object during first time mount.

Showcasing some amazing WIMOTION projects
WICREATIONS.COM

STAGE MOTION ECO SYSTEM

02

TECHNOLOGY WITH VISION

WIMOTION integrates field experience from 250+ projects over the years resulting in a transparent, user friendly and fun to work with system for a variety of expertise user profiles in the live event business.

Multi-axis motion in 6 dimensions with variable speed scenarios offers a huge potential for the most spectacular effects.

But moving weight is not without risks. Only prime automation technology compliant with the most stringent international safety regulations is fit for next level technical translations.

The WIMOTION solution grid is compliant with the EN17206 standard allowing complex automation in a guaranteed safe way.

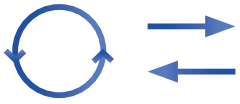
EN17206

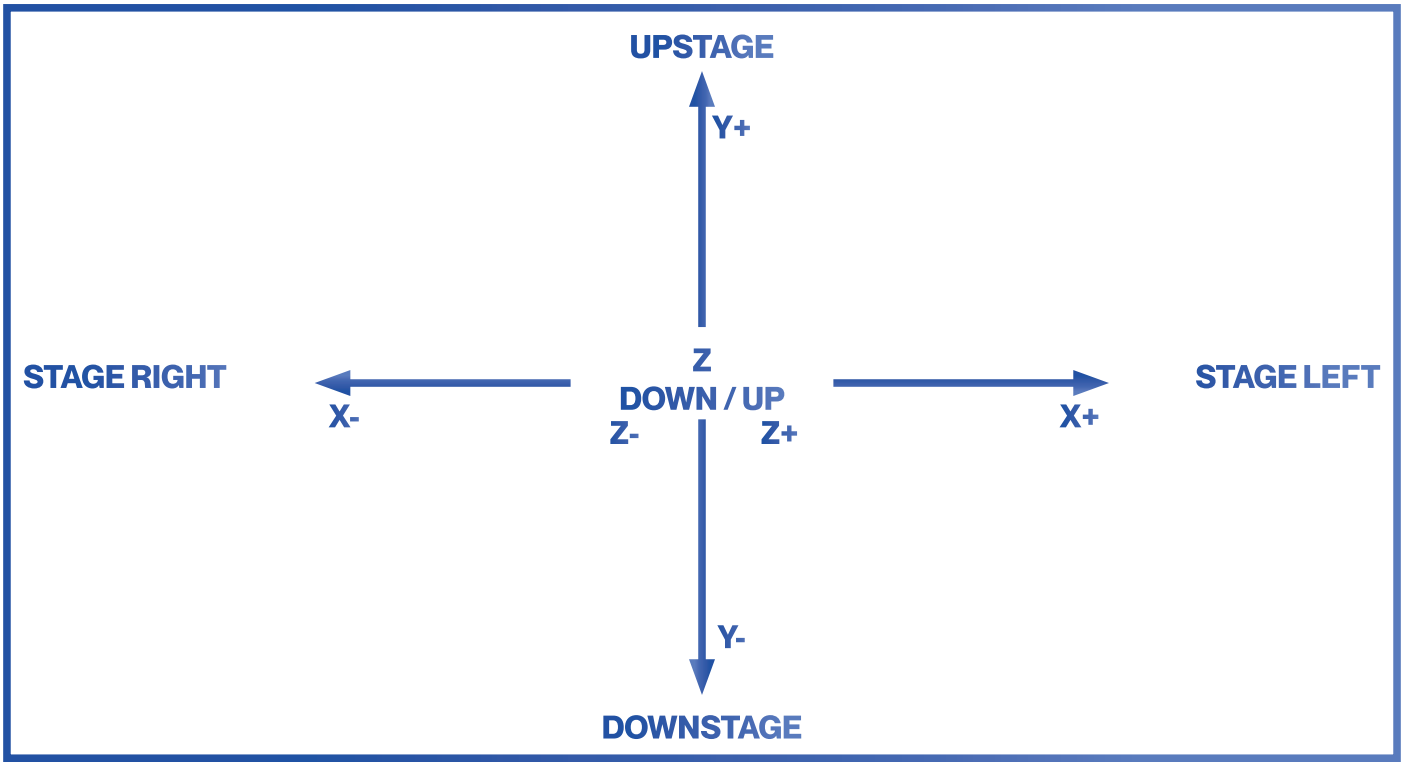
OUR SOLUTION GRID IS BASED ON THE LATEST IN SHOW SAFETY STANDARDS.

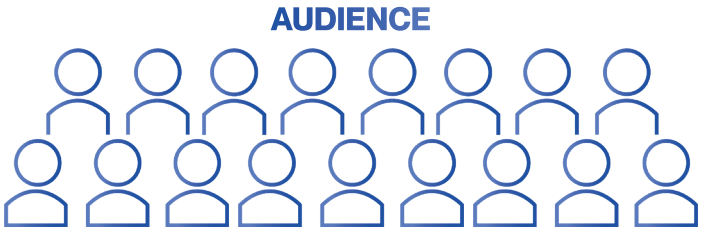
UPPER STAGE

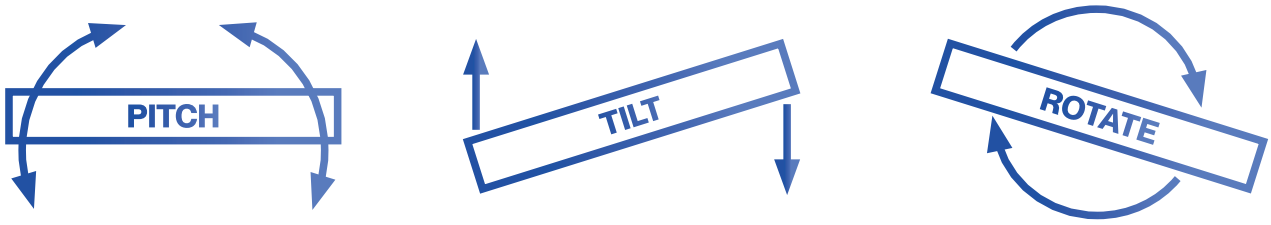
1D	3D	3D
AUTOMATED RIGGING	**SHOW CONTROL OBJECTS**	**AERIAL ARTIST**
Z-AXIS X-Y-AXIS	Z-AXIS X-Y-AXIS P.T.R Circuit	Z-AXIS X-Y-AXIS P.T.R Circuit
UC 1-2	**UC 3-4**	**UC 5-6**

LOWER STAGE

	
HORIZONTAL - ROTATING	**MOVING UP - DOWN**
X-Y AXIS R PATH	Z-AXIS
UC-LSH 1-6	**UC-LSL 1-6**







Around the X axis **Around the Y axis** **Around the Z axis**

X axis - Across Stage
Y axis - Up/Down Stage
Z axis - Vertical Up/Down

Pitch - Rotating around the X axis

Tilt - Rotating around Y axis

Rotate - Rotation around the Z axis

02

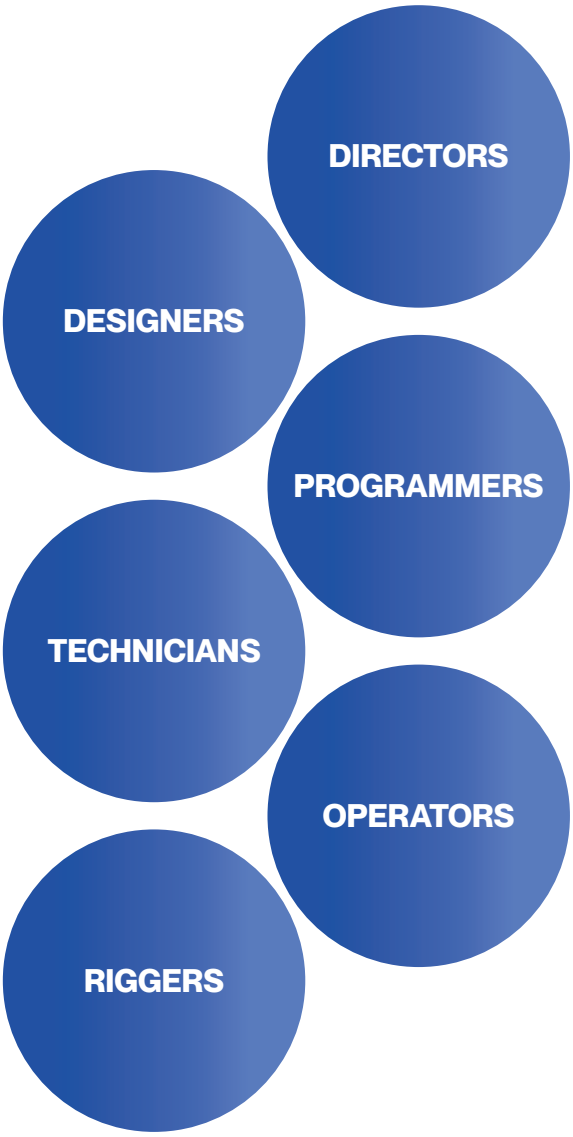
STAGE MOTION ECOSYSTEM

PRE-PROGRAMMING is key to get the most out of your automation. WIMOTION offers the possibility to visualize the exact merged result in advance and allows programmers of other show elements to collaborate online during their pre-programming time. By shifting gears earlier you'll be able to experiment, deep dive and explore all creative motion options before coming onsite. The perfect approach to maximize WIMOTION potential for the greatest possible show effects.

WIACADEMY plans trainings for various expertise profiles to sharpen skill sets on motion software potential.

The WICOMMUNITY login platform allows real time peer-to-peer conversations with WI engineers for hands-on support together with downloads, demos and manuals.

Various expertise profiles sush as riggers, operators, programmers and system engineers will get the opportunity to become WIMOTION CERTIFIED. Graduates receive their own login USB stick. Levels of certification automatically grant higher user access levels. Next to these USB sticks we have hardware safety keys for onsite use. These keys will be distributed by an onsite safety manager.



02

USER BENEFITS

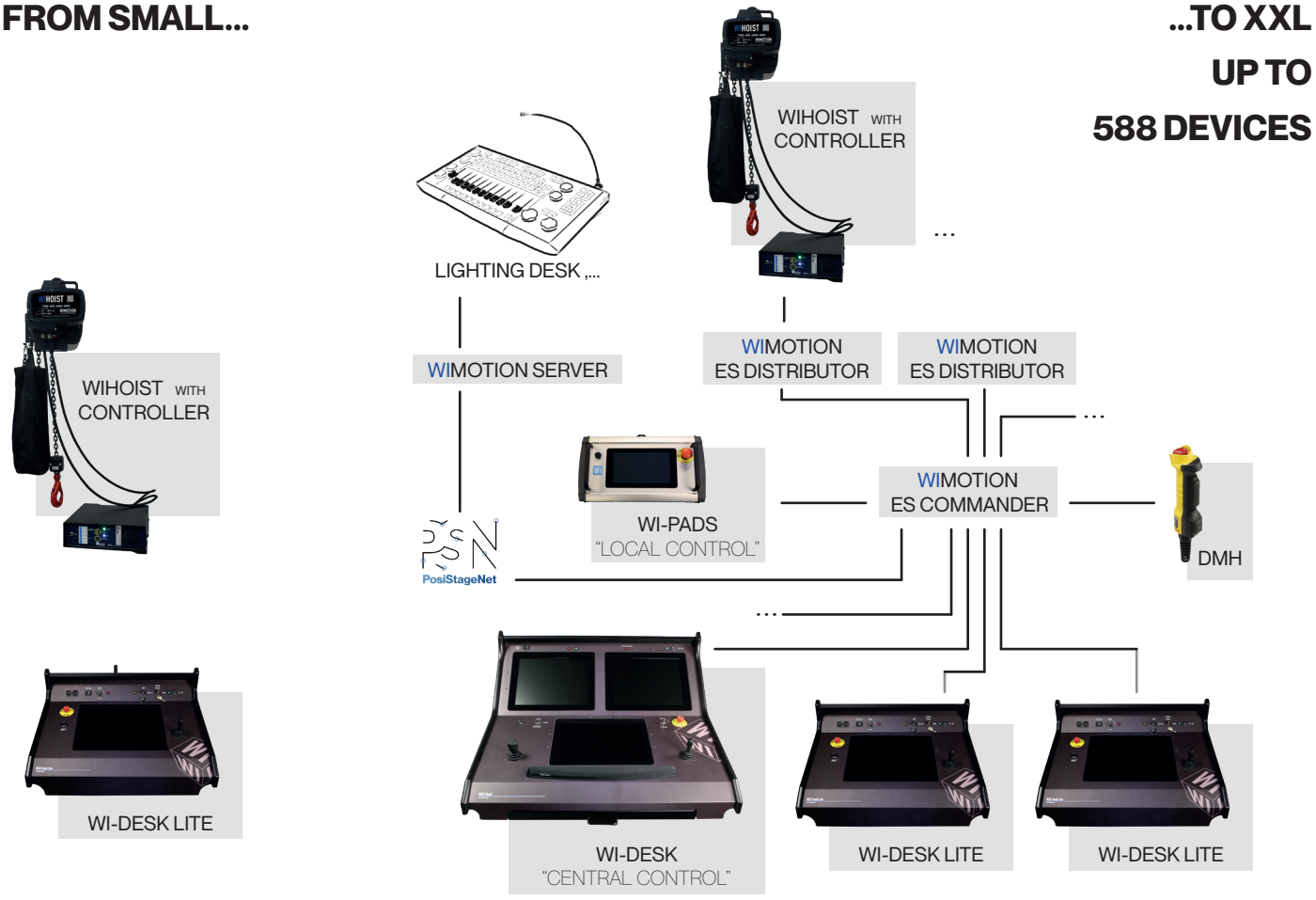
EXPANDABILITY

Whether for a small setup or an impressive and large scale system WIMOTION can be deployed safely in every situation.

Various configurations are possible. From 1 desk controlling just a single device scaling up to a complex setup in which hundreds of devices are controlled both centrally and locally, whether or not in different groups or objects. Each setup is always in sync with lighting, media, SFX & sound using the live 3D Position Data.

FROM SMALL...

...TO XXL
UP TO
588 DEVICES



USER BENEFITS

COLLABORATION

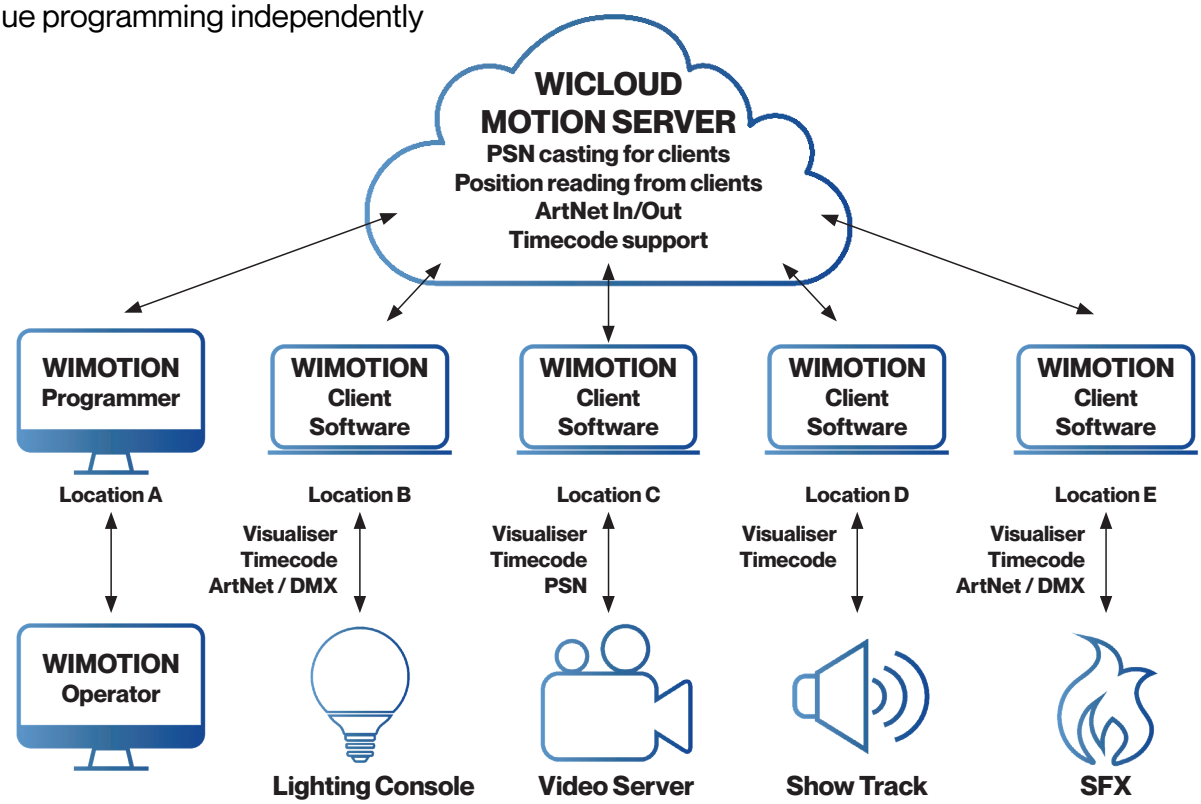
WIMOTION is configured in Client-Server setup. PSN, WICLOUD and a SHARED OBJECT LIBRARY allow motion teams to easily collaborate with operators of various disciplines.

- Upfront full show pre-programming via cloud collaboration
- Lighting, video, sound, SFX and others in full sync
- Show design at home with direct system feasibility feed back from our software
- Different options to play and visualize to get the most out of your automation

02

LIGHTING & VIDEO DESIGNERS

- Pre-programmed motion cues from your client log in
- Get data (DMX, PSN and more)
- Continue programming independently



USER BENEFITS

USABILITY

Hands-on user friendly system making the job easier, maximizing potential and boosting results for a variety of automation user profiles.

DIRECTORS & DESIGNERS

- Faster programming and pre-programming of your show motion
- Pre-configured motion objects available in our cloud SHARED OBJECT LIBRARY
- Easy download of visualizer on your laptop to see the 3D end result of your show
- 3D environment compatible with virtual reality visualizers (WYSIWYG, UNREAL, ...)
- Precious time saving onsite as well as during pre-programming

PROGRAMMERS, OPERATORS, RIGGERS & TECHNICIANS

- Simultaneous co-working for 2 or more operators located in different zones
- Multiple playbacks
- Tree cue creator
- Button integrator e.g. Streamdeck
- ArtNet/DMX
- Timecode

LIGHTING, MEDIA, SFX & SOUND DESIGNERS

- High sample rate position tracking through PSN
- Timecode supported

02

USER BENEFITS

ACCURACY

Real time position data tracking on stage creates a complete overview of all moving objects and high sample rate casting through PSN 3D.

DIRECTORS & DESIGNERS

- Video, light and motion now perfectly synced with all moving carriers
- Conditional programming

PROGRAMMERS, OPERATORS, RIGGERS & TECHNICIANS

- Position tracking of every moving object on stage including performers
- Casting realtime stage positioning to other disciplines

LIGHTING, MEDIA, SFX & SOUND DESIGNERS

- WIMOTION syncs all positional data and rebroadcasts to all disciplines

PosiStageNet

USER BENEFITS

PEACE OF MIND

Risk assessment is key together with constant monitoring, measuring and logging. Smart dashboards allow preventive action and even maintenance to assure show continuity and safety. Real-time check-ups on desktop, laptop, mobile or tablet.

RISK ASSESSMENT SUPPORT

- Show automation involves risks
- Deep dive risk analysis for every project
- Maximum risk reduction scenario in compliance with EN 17206 standard
- Additional risk reduction via hands-on user information
- Online safe-onsite platform for induction courses

MONITORING

- Keeping an eye on the exact status of critical elements is the best reassurance for a no stress show
- All systems and devices are constantly monitored and reported on the CENTRAL LIVE DASHBOARD
- Measuring means knowing the status of all devices

LOGGING

- Key parameters are logged and allow preventive maintenance to be planned
- Permanent reporting allows preventive action and earlier servicing in case of intense usage or long term planned use
- Schedule maintenance when it fits you best. No surprises! Compare to cars where logs are used to avoid failures through preventive notification on all essential parameters

SERVICE AND SUPPORT

- 24/7
- WICOMMUNITY
- WIACCADEMY

USER BENEFITS

SAFETY

WIMOTION complies to the most stringent international motion standards and is fully compliant with EN17206 superseding all national standards and CEN workshop agreements.

Depending on the intended use of a motion set we help define the use case of your set, deliver a risk assessment and provide you with the consultancy needed to make your project succeed in the safest possible way.

USER PROFILES

Profiled user log-ins enable multiple users to access the system simultaneously and at different levels, using a USB dongle. Different security and responsibility levels (trained and secured levels) are possible through customized setup of a roles model in the motion operator's team and limited programming access to other FOH staff.

ZONE SETTINGS

Zone settings allow dedicated (selectable) playbacks, devices, groups and objects to run or play via different log-ins. Think about this in the context of touring builds and breaks.

COLOR CODED SYSTEM KEYS

Additional hardware safety to prevent unauthorized use on site.

APC

Integrated Automated Parameter Control (APC) enables easy and safe configuration of devices and real time data logging of all key motion and maintenance related parameters.

- Automatic assignment of all relevant safety settings, control protocols and parameters

- Elimination of error margins. Motion operators can be 100% sure to use the right parameters for every configurated system device

- Preventive maintenance. Permanent logging allows preventive action and earlier servicing in case of intense usage or long term planned use

WIMOTION SYSTEM

HEART OF THE ECOSYSTEM

Our own proprietary stage automation system made up of software, hardware and a wide range of operating, city and object packs available in our rental stock.

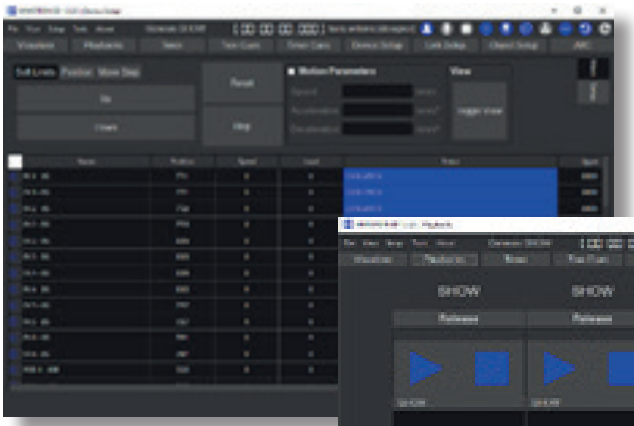
WIMOTION fluidly integrates with dynamic video content, light and sound to realize whatever immersive motion effects creative minds can imagine to make their show UNIQUE.

03

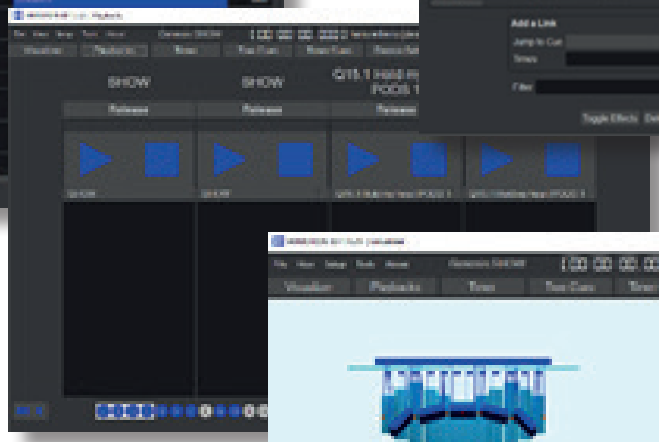
WIMOTION SOFTWARE

Core of WIMOTION is the programming and operating software developed inhouse. A free downloadable version is available in the WI-COMMUNITY. Movement of objects integrated in a venue frame can now easily be pre-programmed and pre-visualized in realtime kinetic 3D.

WIMOTION aims to demystify the rocket science aura of stage automation by introducing an entry level of designing motion using predefined objects directly fetchable from the online library and available in rental stock.

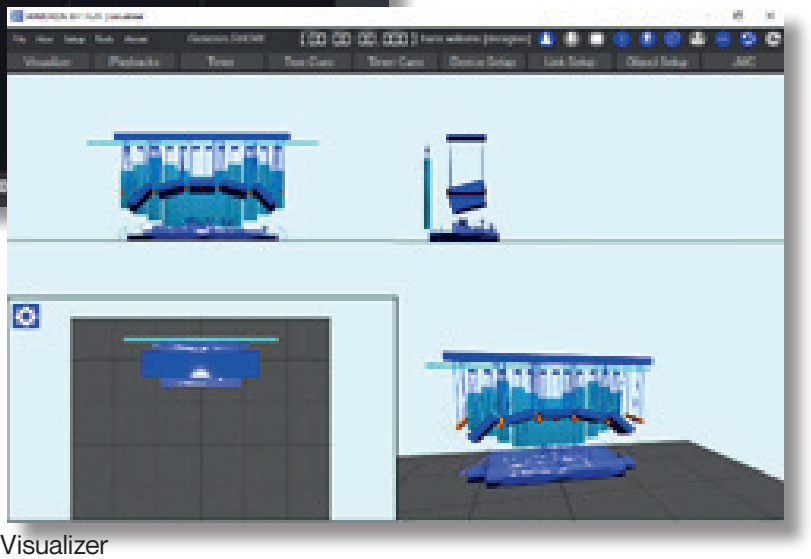


Tree Cues



Playbacks

Object Setup



Visualizer

03

- Unlimited Desk Views
- Tree Cue Creator
- Playbacks
- Device Window
  - Easy set-up of devices
  - Easy control of devices
- Object Window
  - Easy set-up of objects
  - Easy control of objects
- Jog Manual Control (Jmc)
- Libraries
- Dashboard Window
- User Login
  - Different user login levels are available
- Zone Login
- Indicators

WIMOTION HARDWARE

OPERATING SOLUTIONS

A wide range of devices is possible.

03

Run the WIMOTION
app from your laptop or pc

CONTROLLING SOLUTIONS

A range of solutions is available with E-stop, DMH & status @SIL3. Extra safety options @ SIL3 are available. SLA, SLS, SLP,....

SAFETY SOLUTIONS

Distribution of safety function @ SIL3 is often limited by the amount of daisy-chained units. WIMOTION can control up to 588 units in combination with daisy-chained controllers and the combination of E-Stop distributors and the correct E-Stop Commander.

I/O SOLUTIONS

- WI-I/O-08-08
- WI-I/O-32-32

POWER DISTRO SOLUTIONS

Power distribution racks available from 32A up to 400A.

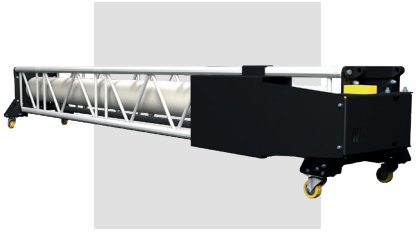
UPPER STAGE DEVICES

HOISTS

BAND WINCHES

WINCHES

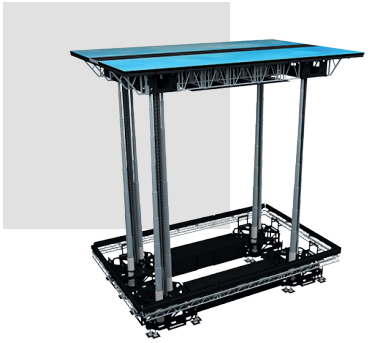
ROLLDROPS



TRACKS

LOWER STAGE DEVICES

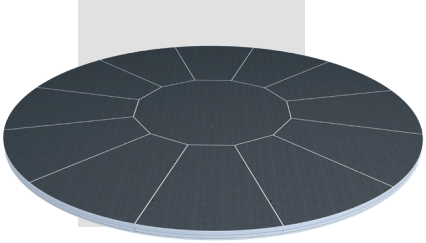
ELEVATORS



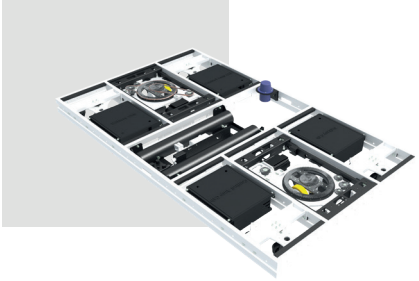
ROTATORS

ROTATING BRIDGES

TURNTABLES



WAGONS



RENTAL PACKS

OPERATING, CITY & OBJECT PACKS

04

A wide range of operating, city and objects packs is available in our RENTAL stock.

Join the WICOMMUNITY for detailed specifications, downloads and chat forum with our rental specialists.

We have rental solutions tailored to a wide range of desired end games. Let us know what you are looking for. We love connecting the dots.

Check
WICREATIONS.COM/RENTAL
for a detailed overview

DREAM SOLUTIONS FOR LOCAL HEROES

LORENZO JOVANOTTI

The WIMOTION platform has been specifically developed to allow every skilled entertainment professional to design his or her own unique stage motion in a user friendly and safe way. Some great and very affordable motion effects are available for smaller tours or local festivals, more modest productions, activations or shows for selected audiences. Local players can fully benefit but also international management of brands deploying their projects more on multiple agile stages or flexible locations for a more intimate experience.

Motion no longer a rocket science

PLUG AND PLAY SOLUTIONS

05

Ideal budget friendly show motion installations backed up by our tech experts who will crosscheck with reality and make sure the proposed solution is safety proof and exploits your full creative scope.

FIXED SOLUTIONS

THEATRES & SHOWS
Standardized motion solutions comprising engineering, build and pro-gramming with optional onsite training of your operator.

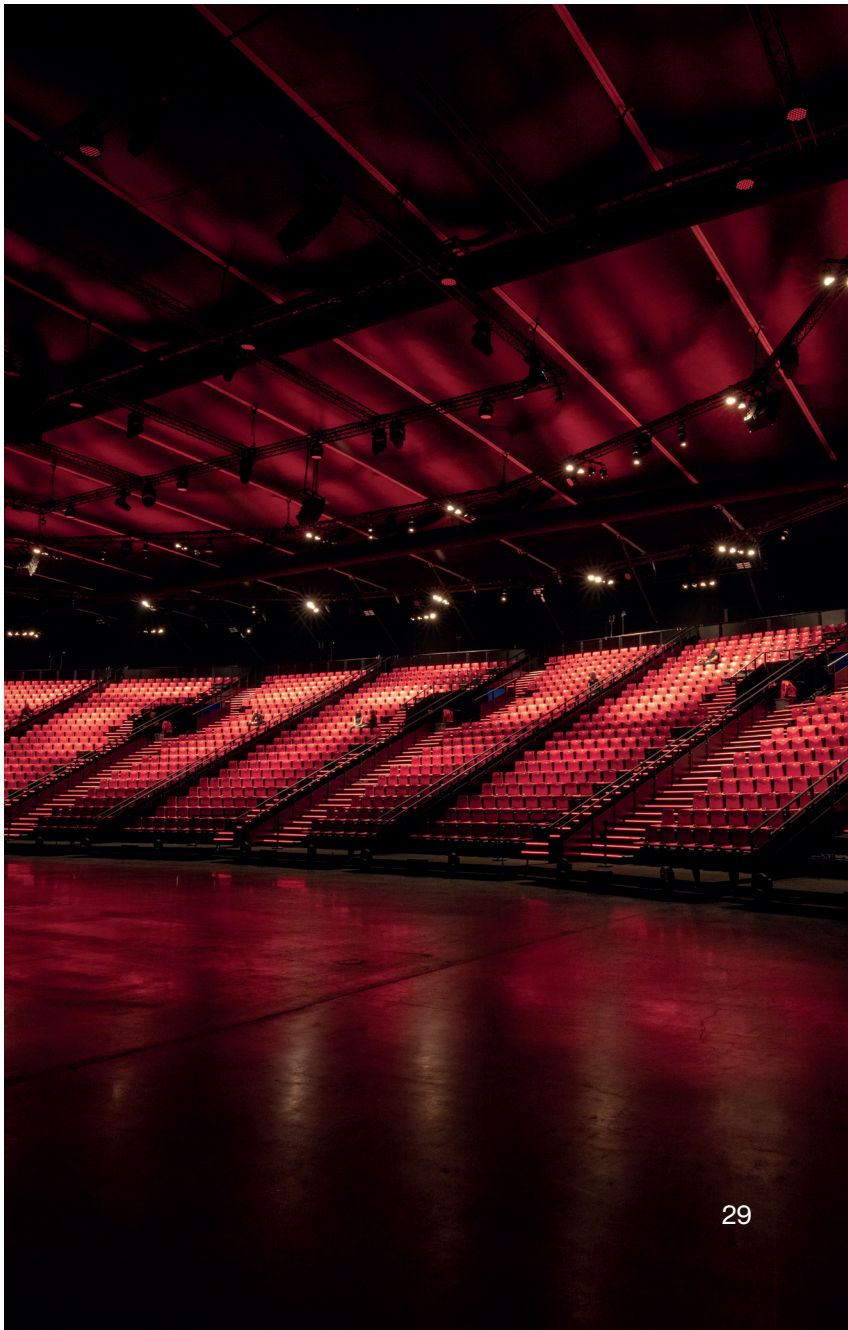
TOURS
Off-the-shelf motion installations comprising a touring ready set all prepped for quick and safe execution.

BRAND ACTIVATIONS
Standard Motion Ready packs for product launches

READY SET UP STAGE SOLUTIONS

Check
WICREATIONS.COM/RENTAL
for a detailed overview

POP UP THEATRE STUDIO 100, PIC BY PICTURERESK



START BUILDING YOUR OWN SHOW RIGHT NOW

- Join the WICOMMUNITY
- Download the software for free
- Explore using the demo shows
- Browse through our Object Library
- Mix & match
- Empower with motion

| It’s showtime!

360°

Over the years WI has developed a global reputation for excellence in the execution of motion projects. Try us out for an overall approach from scratch to spotlights. In close interaction with clients WI delivers the highest end automated concepts up to final execution for all types of entertainment shows big and small for a variety of creative markets, needs and audiences.

From animating a project idea to detecting flaws, maximizing strengths and digging up hidden opportunities to the next steps being design, engineering and construction up to 'le moment suprême' : the magic happening on stage. The most rewarding feeling ever for us and for you.

WI PHILOSOPHY

06

MOTION AUTOMATION WITHIN EVERYBODY'S REACH

Our business concept is to provide an as large as possible range of innovative, durable and complete solutions in stage motion user friendly to such a level that everyone involved in the creative and technical elements of scenic & staging can fully benefit from them.

WI ACADEMY

Update your stage automation skillset in the WIACADEMY, a creative powerhouse where demo roadtrips and courses online/ on location or in a mix formula will become one of our new cornerstones. A welcoming place for event professionals to meet, learn & grow. Regularly check the WICOMMUNITY platform to stay update.

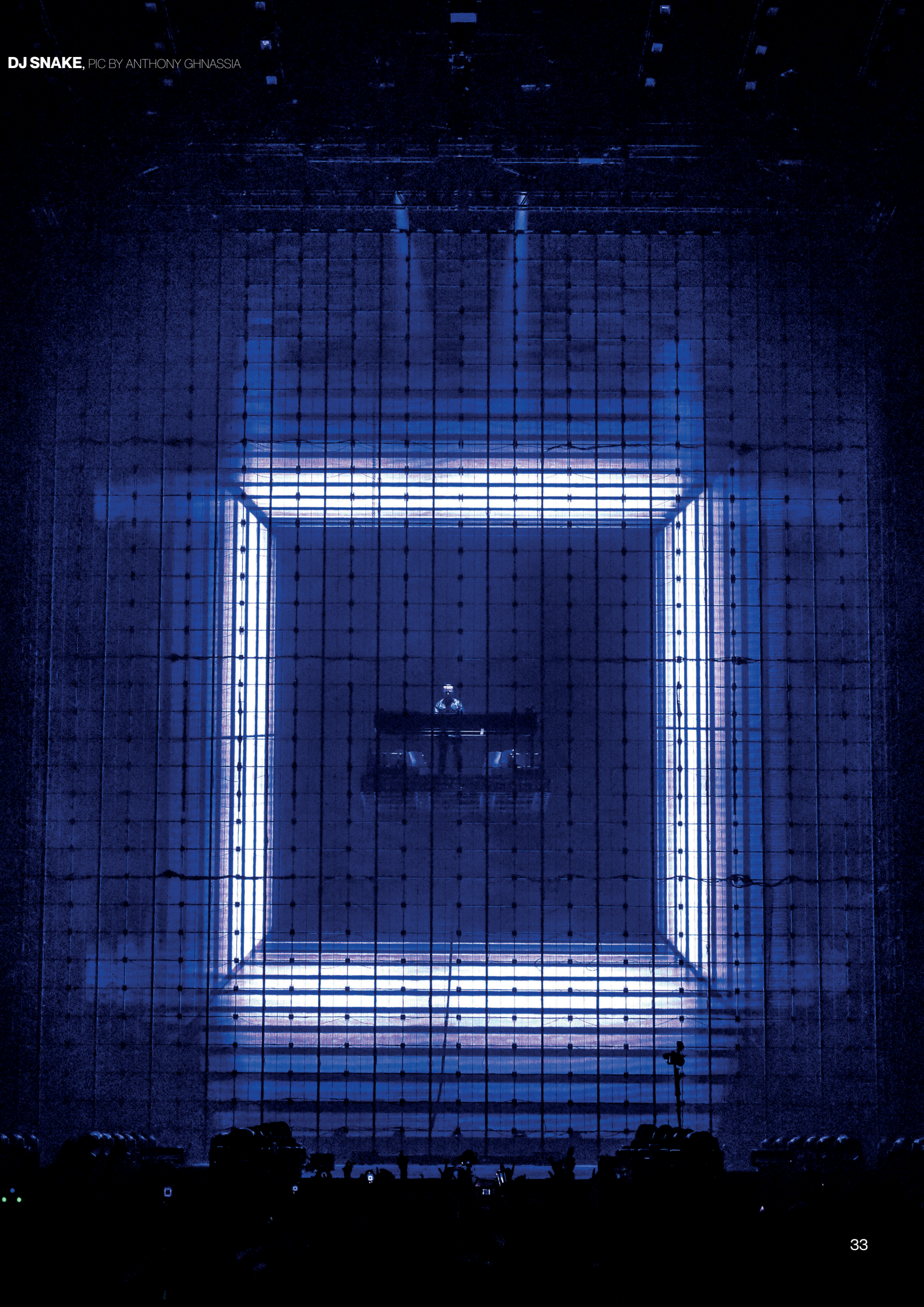
WIACADEMY also organizes info sessions for live event freelancers, all profiles tech people from the entertainment or other sectors, last year students and career switchers who have only 1 dream : be part of the unique pioneer zone where the show must go on.

Call us techies
Call us creators
Call us gamechangers

CERTIFICATION

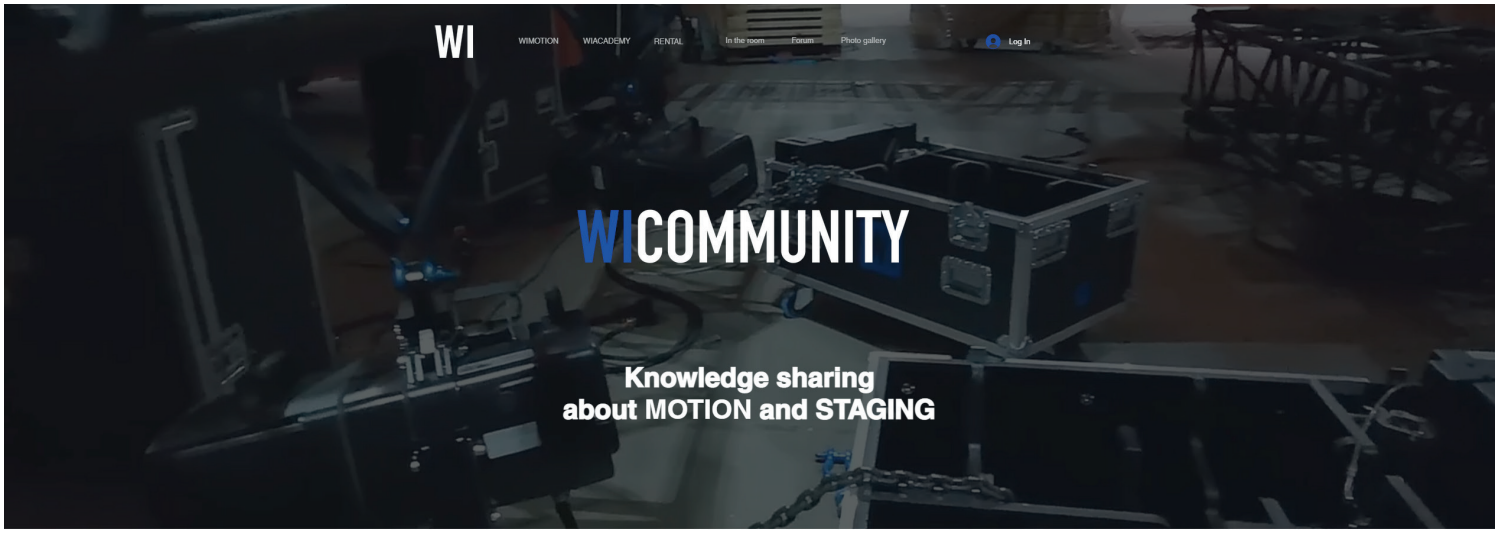
Various expertise profiles such as riggers, operators, programmers and system engineers will get the opportunity to become WIMOTION certified. Graduates receive their own WIDESK operating keys. Levels of certification automatically grant higher user access levels.

07



DJ SNAKE, PIC BY ANTHONY GHNASSIA

WI COM MUNITY



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When back in 2005 I started as a freelance technical designer I had no specific career plan. Only a stubborn drive to meet higher expectations in stage motion with a more complete solution than the available standardized formulas.

—Hans Willems CEO

The WIMOTION seed was planted.