HIPPOTIZER™

MEDIA SERVERS

Make your idea a reality.
Design, Prepare and Deliver with the latest additions to the Hippotizer toolkit.

Green Hippo™

WHAT IS HIPPOTIZER

Hippotizer has always been the 'Pocket Knife' of media servers; solving lots of problems with a single solution. Combining a new, yet familiar Timeline interface with the re-designed real time 3D SHAPE Visualizer, projection planning tools and intuitive playback control, Hippotizer offers designers the tools to plan, manage and manipulate complex video projects. Deliver on the fly changes or planned sequences with Hippotizer's real time composition engine, enabling you to realize your vision faster.

INPUT

Hippotizer's familiar layer composition system makes mixing clips and live capture sources fast and intuitive and with a variety of live capture options.

OUTPUT

Hippotizer's flexible structure makes outputting to any LED wall, projection or pixelmap, fast and efficient.

MANIPULATE

All Hippotizer products include an easy to use, feature-rich media management system and built in FX engines that allows users to manage and manipulate their content locally or remotely.

CONTROL

Hippotizer offers real-time control of any attribute. Simply select a new clip from the ZooKeeper interface or with an external controller via DMX, MIDI, Stream Deck, OSC, Art-Net, MA-Net etc. and it plays instantly.

Wall Controller   SDI / NDI   DVI / HDMI   STREAMDECK   DMX / ARTNET   MIDI / OSC

Credit: © battleROYAL / Brendan Shelper

Input your sources and media, manipulate your content, output your displays and control in real-time.

ENGAGE YOUR AUDIENCE

Creating a complete visual experience is a combination of content, messaging, and control. Immersive LED, Architectural lighting, 3D projection mapping and 8K+ content must combine for both one-off shows and long-term, reliable installations.

Formed in 2000, Green Hippo has grown from a specialist manufacturer of bespoke solutions, to one of the leading players in real-time media manipulation, 3D mapping and playback. The award winning Hippotizer Media Server range can be found providing real-time video playback for TV and Broadcasts, Live Events, Architectural installations, Theatre and Public spaces worldwide.

Credit: © WWE

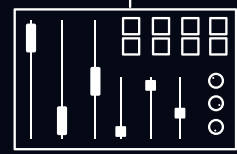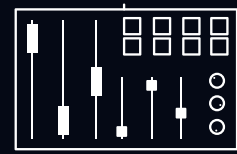# DESIGN · PREPARE · DELIVER

MAKE YOUR IDEAS A REALITY - GET STARTED WITH HIPPOTIZER V4.6

PROJECTOR PLANNING

Accurately simulate image brightness, contrast ratio and pixel size for complex projection projects.

3RD PARTY 3D TOOLS

Improved integration with 3D tools (C4D, DAE, OBJ) and textures in C4D.

TIMELINEPLUS

Program hundreds of playback parameters with this keyframe interface.

SHAPE VISUALIZER

Full resolution, full framerate 3D pre-visualization tool.
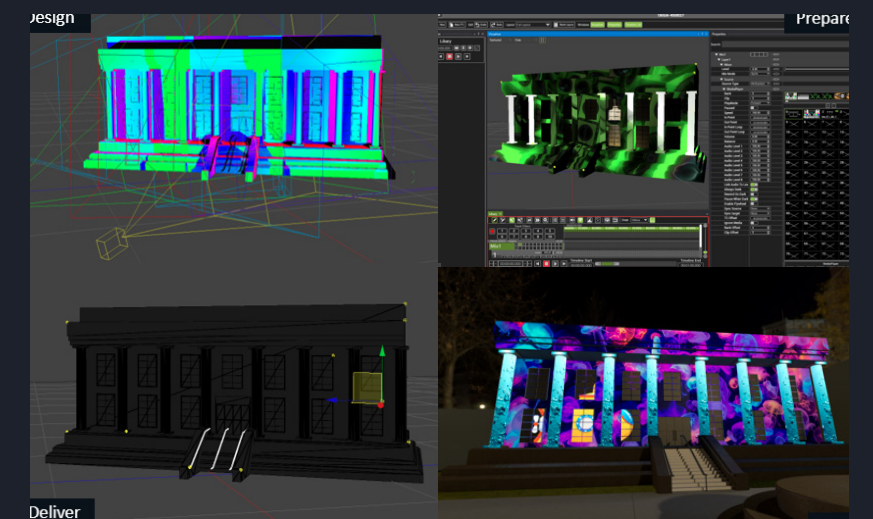
SCHEDULER

Automate your media playback to react to numerous triggers.

MPCDI/AXIS INTEGRATION

Automating the alignment and blending of 3D projection mapping.

Hippotizer software version 4.6 introduces an entirely new way to design, prepare and deliver your production. These new features combine the flexibility of Hippotizer's real-time media manipulation system with an all-new Planning, Visualization and Timeline control architecture.
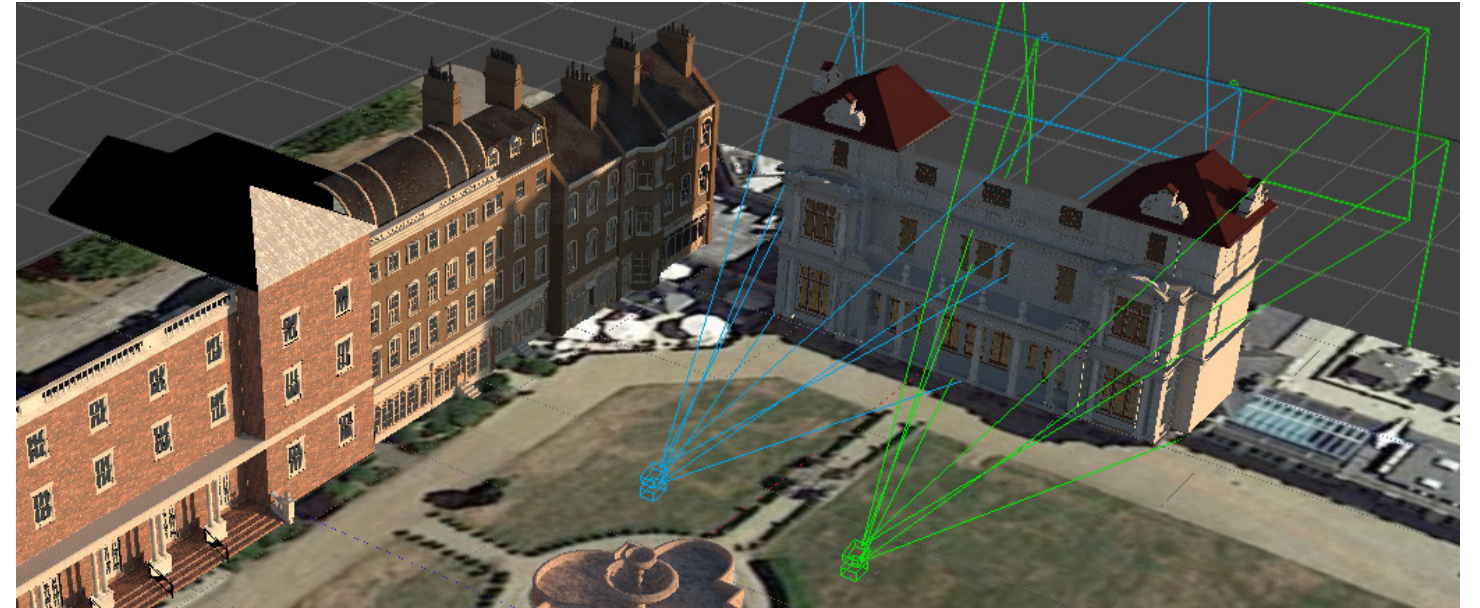
DESIGN

Upload and collaborate on media, present your ideas before programming, and understand your environment before you go to site. These powerful tools, also available off-line, are the next step in collaborative manipulation and playback.

Credit: © Alma Bengtsson / Popmani

Set the projector location, target brightness and pixel density in SHAPE and use this tool to pick the projector model, number of projectors and the lenses required to create stunning mappings.

With a seamless integration between Cinema4D and SHAPE, collaborating on 3D projects has never been easier. Get ahead and share your findings with your clients and save time by using SHAPE to create visuals to show and explain the set up and requirements for your environment.
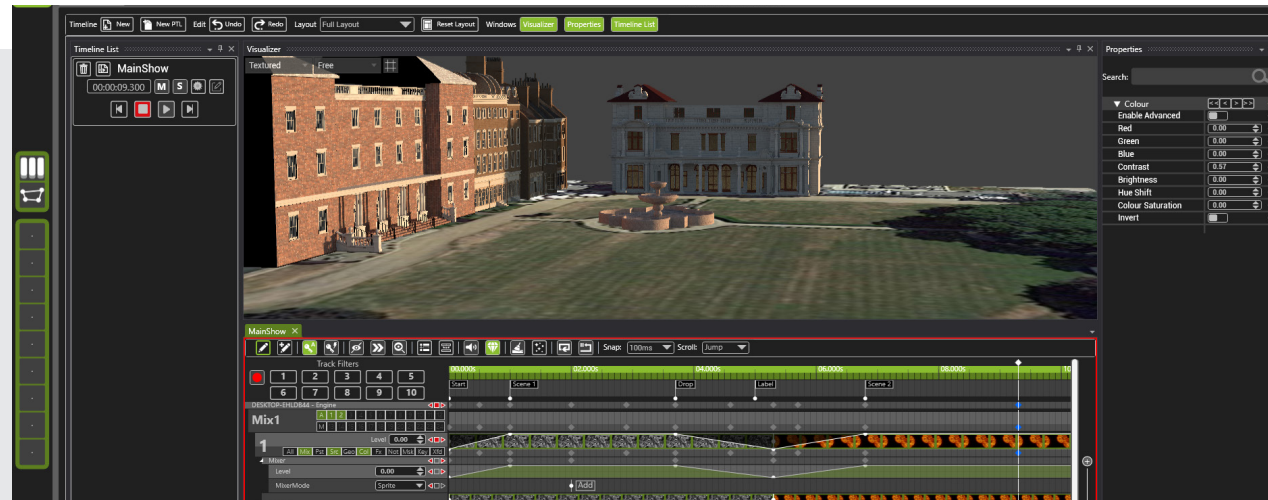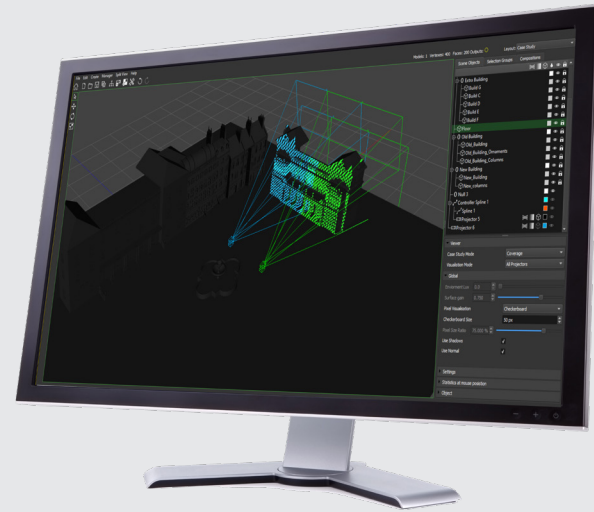
PROJECTION STUDY

Allowing you to plan projectors for show, whether 3D Mapping or simple edge blending, place your projectors in virtual space and use our 3D tool to take the guesswork out of projection placement including;

- What area can the projector cover?
- How big are the pixels going to be?

- How bright is the projection going to be?
- Do the pixels stretch?

Visualizer

See it before building it. This powerful pre-programming tool allows models created in common 3D formats to be imported and reduces the steps from concept to reality with a full resolution, full framerate 3D Visualizer, built directly into Hippotizer's control interface.

TimelinePlus

With the new TimelinePlus, built from the ground up, this non-linear editor with keyframe interface is a familiar design and editing space with our built in 3D Visualizer, property panels and editor all on a single window.

Program hundreds of parameters quickly and efficiently using Presets, through the properties panel or directly in the Timeline. Simply drag Presets onto the Timeline to create complex sequences in seconds. The unique blind editing functionality means that changes can even be made to a running Timeline.

With an intuitive workflow and seamless integration with Hippotizer's dynamic real-time engine, easily manage multiple streams of content and make use of the popular playback features to help you realize your project from the very beginning, making Hippotizer an integral piece for every collaborative environment.

PREPARE

Popular playback features and real-time changes matched with previsualization tools help you realize your project from the very beginning, Hippotizer is an integral piece for every collaborative environment.

Credit: © Russ Grubiak

DELIVER

For integrated environments and live events, the new advanced triggering features added to Hippotizer's MultiController component allows programmers to automate their content and media playback to react to numerous triggers.

SCHEDULER

- Trigger events based on time, date or local sunrise/sunset.
- Architectural Pixel Mapping – turning the display on after sunset.
- Flexible Space – Turn on in the morning, off at night.

GPS

- Trigger events based on location, speed or bearing. Synchronize time over GPS or the network.
- Trigger events based on RFID tags.

A TimeLine UNFORESEEN

Come explore
the inner
workings of
the universe
and what
Shape it may
take.

Together we will forge ahead and
discover a world beyond our own.
One filled with hippos and happy
customers.

Control Panel

- Allow Learn Input
- Create Enable Pin
- Use Custom Pin Name
- Use GPS Location Data

Use Current Location

51.5142800 Latitude

-0.09314500 Longitude

Time Zone
(UTC+00:00) Dublin,Edinburgh, Li

- Use Daylight Saving

Sun Time Info:
Sun Rise: 06:09:00 , Sun Set: 19:54:00

- Use NTP Server

pool.ntp.org

60 NTP Poll Delay (Secs)

HIPPOTIZER OFFERS A HOST OF WAYS TO CONTROL THE SYSTEM IDEAL FOR STAND-ALONE INSTALLATIONS.

SAVE TIME WITH AUTOMATED PROJECTOR ALIGNMENT

MPCDI (Multiple Projection Common Data Interchange) is a VESA standard for exchanging information between systems needed to blend, color correct and warp a projector. Hippotizer uses MPCDI data to interface with camera based automatic alignment systems such as VIOSO and Dome Projection. This means Hippotizer can now use cameras to warp, blend and color correct common 'simple' projection surfaces such as domes or flat walls.

Green Hippo's own AXIS system automates 3D Projector alignment; small sensors placed in the 3D model allows projector line-up to be done in seconds at the press of a button. Whether a 3D projection mapping installation, touring production or cruise ship, AXIS takes the guess work out of projector alignment ensuring it looks great for years.

Between MPCDI and AXIS, Hippotizer offers an automatic alignment solution for every project.

VIOSO **AXIS**
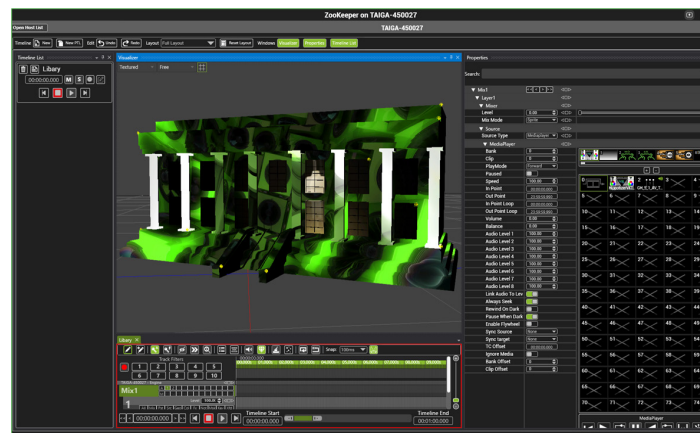
Credit: © Motion Mapping

PROJECTION MAPPING

Creating stunning visual experiences for visitor attractions and public spaces, should be creative, not complex. Hippotizer's 3D Mapping toolset combines dynamic visuals with easy 3D Mapping techniques to create the most immersive environments.
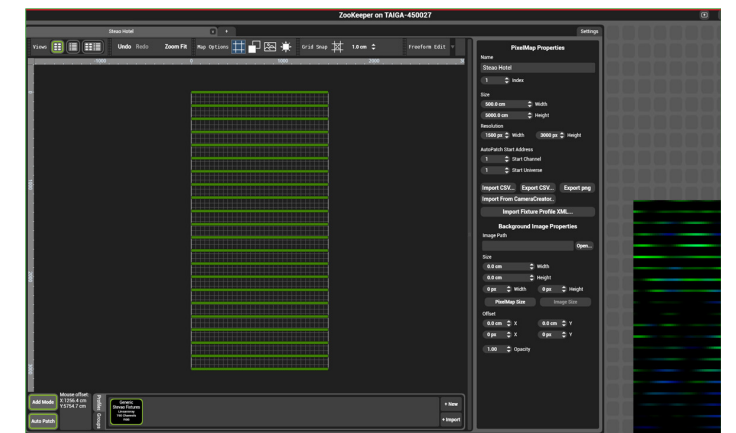
ARCHITECTURAL LIGHTING/VIDEO

Architectural lighting has been used for many high-profile celebrations incorporating stunning pixel mapping projects. Hippotizer boasts a host of components enabling the most intricate mapping projects and with unrestricted DMX universes allows for the most elaborate LED designs.

- Use TimelinePlus and Hippotizer's scheduler to playback content based on a number of variables including time and dates.
- For Live Capture and transferring video over the network, use NDI and manipulate using Hippotizer's built in FX engine or Notch.

- PixelMapper is a feature rich tool capable of mapping thousands of light points easily and effectively.
- Synchronize outputs to Pixel Map across multiple buildings, without connecting them
- React to sunrise, sunset in real time, or synchronize playback of local time with the built in Scheduler tool.
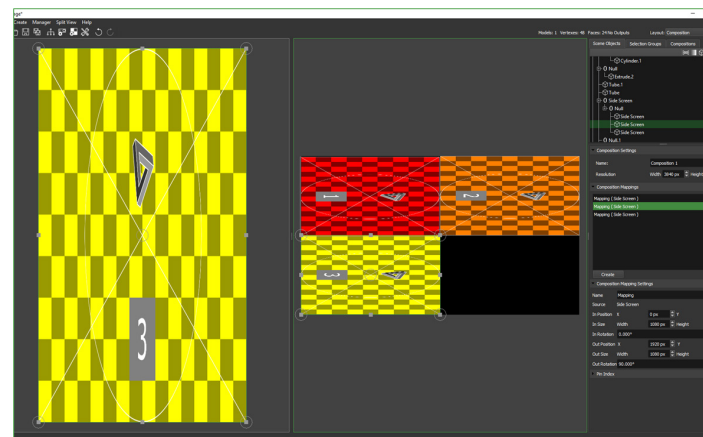
HIPP▽TIZER
|PLAY

Start your journey here with Hippotizer PLAY, the free to download, demo. Learn how to play, encode, pre-program, and visualize for free with the award-winning Media Server software.

Or use Hippotizer PREP and pre-program from the comfort of your own PC or laptop. Encode media or program a show with the full host of Hippotizer components. green-hippo.com/hippotizer=prep'
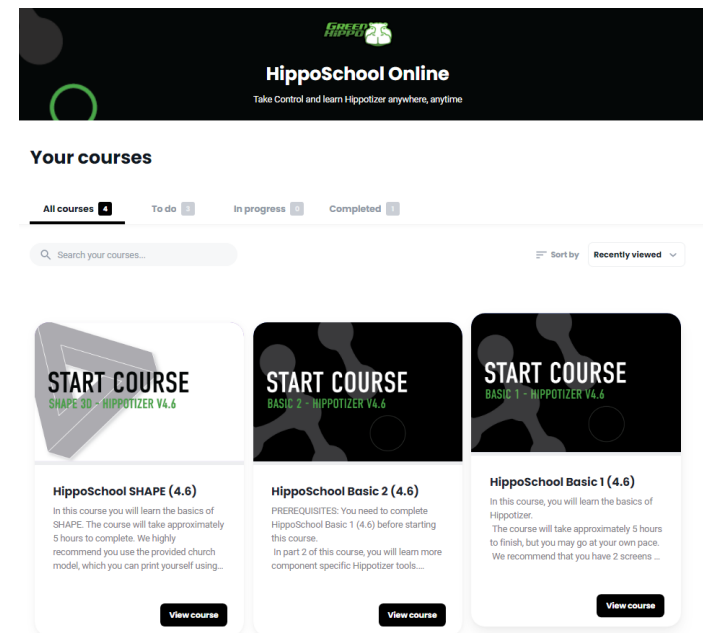
Available on
green-hippo.com/play

CREATIVE
LED

Live events are often a mix of carefully choreo-graphed segments, last minute changes and on-the-fly programming, requiring the media server to be precise and flexible. Hippotizer's superior speed and simplicity of programming, combined with an integrated content workflow and flexible, real-time control make it the ideal choice for live events and touring.

- See a whole multi-system setup before going to site. Use Visualizer to simulate an entire multi-system setup on a single machine. Import your 3D model and bring the screens, LED walls and projections to life with full resolution video visualization.
- The flexible media management system allows swift organization of extensive libraries into banks or bins all using an intuitive drag and drop interface.
- Program and run shows directly from the ZooKeeper interface remotely. Presets, Timelines and a fully customizable user interface make controlling a Hippotizer with a keyboard and mouse, lighting desk or external controller, quick and easy.

HIPPOSCHOOL

TAKE CONTROL AND LEARN HIPPOTIZER ANYWHERE, ANYTIME

HippoSchool is designed specifically to show you how to operate, configure and get the most of your Hippotizer Media Server.

And now, you can learn how to use the ZooKeeper control software from the comfort of your own home, with our new online platform.
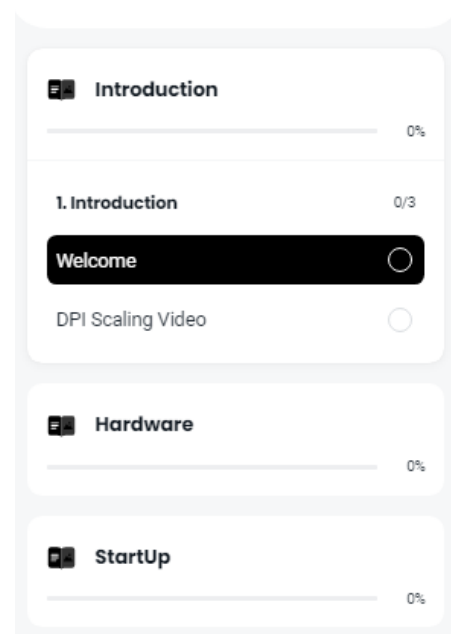
Our Basic 1 & 2 courses cover popular mapping tools, content management and control features with a series of videos, tasks and quizzes to guide you through the industry leading Media Server, and if you get stuck, the Green Hippo training team will be on hand to help.
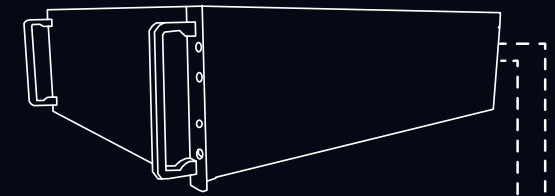
GET STARTED TODAY
WWW.GREEN-HIPPO.COM/TRAINING

DEDICATED HARDWARE
MULTI-AWARD WINNING MEDIA SERVER RANGE

Hippotizer's purpose built hardware provides real-time visualization, live capture and output mapping for the live event and AV industries.

Hippotizer offers a number of output options.

Every system can be fitted with at least one input card.

COMPANION PRODUCTS

Green Hippo has been developing high performance video processing software for over 20 years. Building quality applications for the entertainment industries have been our focus, however our core technology solves problems in many sectors.

NOTCH

As well as Hippptizer's built in FX system and stock content, Green Hippo's has collaborated with Notch to enable cutting edge real-time motion graphics, compositing, and video effects inside Hippotizer V4+. Create interactive and generative content and live video effects in a powerful, easy and stable workflow. Export and playback directly in Hippotizer V4+ and use Hippotizer's pin system to control your content from a lighting desk or other controller.

tvONE

VIDEO WALL PROCESSORS

CORIOmaster2

Optimized for 4K60 environments and is 8K ready. Display up to 40 4K video sources with no visible latency and up to 56 outputs in a 4RU.

CORIOmaster®

Powerful stand-alone video wall processor for expansive 1080p installations which can also display up to 5 4K video sources and up to 56 outputs.

DISPLAYPORT EXTENSION

MG-AOC-883-100

DisplayPort 1.4 Low Smoke Zero Halogen Active Optical Cable 328ft (100m); Simple 8K60 4:4:4 extension.

MG-AOC-88A

Armored and watertight DisplayPort 1.4 active optical cable.

RACKING SOLUTIONS

ONErack™

ONErack is a universal, powered mounting system that vastly improves rack installation of small devices.

Credit: © Redemption Church

SPECIAL PROJECTS & TECHNICAL SUPPORT

Projects are now expected to push the boundaries and are often required to venture into uncharted territories. At times like these solid, proactive technical and project support is a must.

That's why you'll find a long-serving team of dedicated technical support staff our global offices.

THE AMERICAS

ussales@green-hippo.com
+1 (818) 239 4778

EMEA AND APAC

sales@green-hippo.com
+44 203 301 4561

www.green-hippo.com