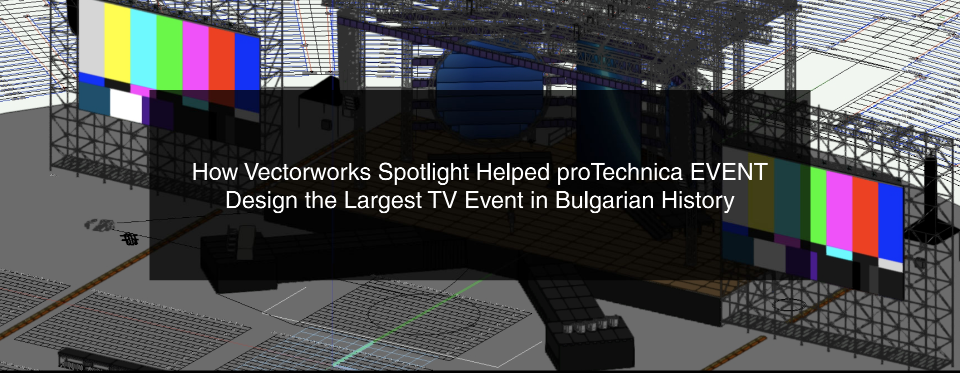


How Vectorworks Spotlight Helped proTechnica EVENT Design the Largest TV Event in Bulgarian History

In 2025, the proTechnica EVENT team became part of one of the largest projects in the history of Bulgarian television and live entertainment — the grand finale of the show *Като две капки вода* (Bulgarian version of the famous Tu cara me suena/Your Face Sounds Familiar), held at the “Vasil Levski” National Stadium, attended by over 40,000 people and watched by hundreds of thousands on screen. For its part in the event’s design, planning, and execution, the company used Vectorworks Spotlight — a software it has been working with since 2013, in collaboration with the experts at Nemetschek Bulgaria.

proTechnica EVENT

Here’s how Vectorworks has transformed and continues to improve workflows at proTechnica EVENT — and why they would recommend the specialized software to any professional in their business segment.

Who Are proTechnica EVENT

proTechnica EVENT is a leader in technical event production across Europe. The company offers a full range of services in stage lighting, sound, structures, multimedia, and video content, working on concerts, television productions, exhibitions, and sports events throughout the continent.

The company’s specialists have worked on the A to Jazz Festival, events by Metropolis and SOLAR, the shows The Voice of Bulgaria, X Factor, Vip Brother, Junior Eurovision, and Your Face Sounds Familiar.

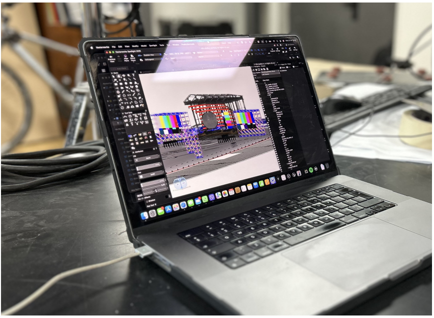
protechnicaevent.com

Before Vectorworks:

Visualization Without Engineering Value

In the early years, drawings were mostly on paper — a process that led to many errors and lack of predictability. Even when the team started using early CAD software, key problems remained unresolved.

> "We were essentially visualizing the projects for the client, but everything still had to be calculated manually by the structural engineer. It was almost like working on paper — just prettier. CAD, in practice, didn't make the technical work any easier."
>
> — **Ivan Eftimov,**
> Lighting Designer at proTechnica EVENT



The Turning Point:

Implementing Vectorworks Spotlight

Around 2013, inspired by the work of colleagues abroad, Ivan Eftimov discovered **Vectorworks Spotlight** –a specialized software for stage design and visualization. Shortly thereafter, he also came across **Braceworks** – a module for structural calculations that later became part of the platform.

> "I was looking for a solution that would not only show the concept but also provide a real foundation for execution. Vectorworks turned out to be the right tool."

Results:

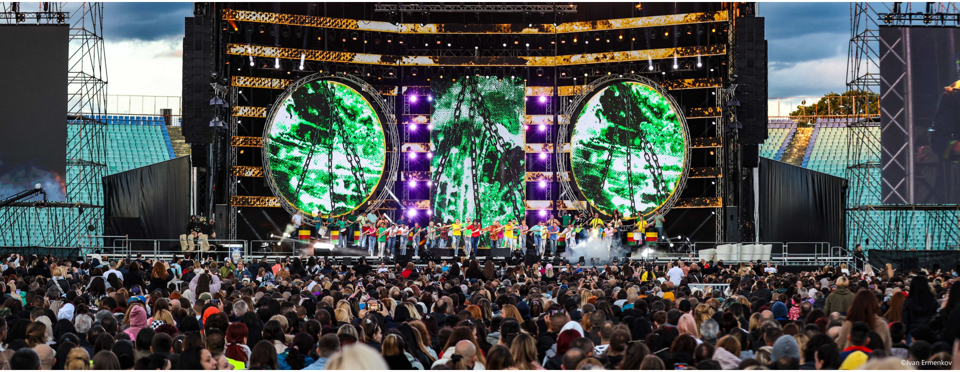
Up to 10x Faster Workflow

The integration of Vectorworks Spotlight and Braceworks brought about a complete transformation:

- Workflows became 4–5 times faster compared to the pre-2013 period.
- With Braceworks used for engineering calculations, planning and execution speed increased up to 10 times.
- Exceptionally intuitive interface — even employees with no CAD experience picked it up quickly and efficiently.
- All resources are one click away — with extensive, frequently updated equipment libraries from leading manufacturers.
- Ability to create custom CAD objects if a specific device is not available in the library.

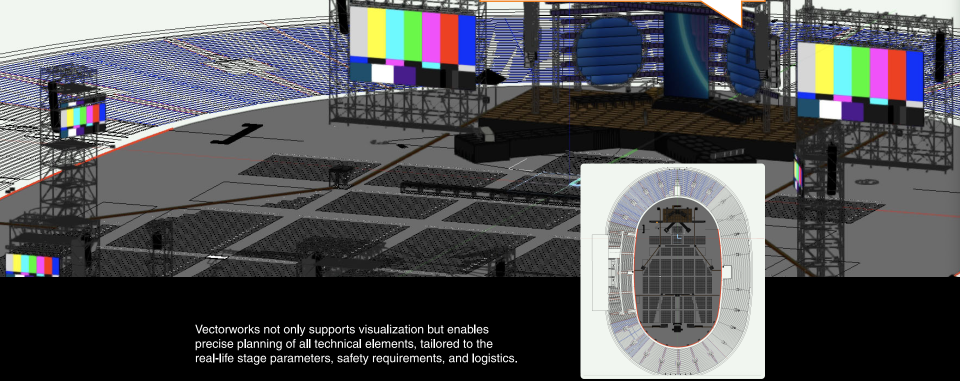
> "Anyone who starts using it quickly gets into drawing, even if they've never worked with CAD before. Everything is logically arranged and gives you the confidence you need."

The “Vasil Levski” Stadium Stage:
A Showcase of Expertise


©Ivan Ermenkov

In June 2025, the professionals at proTechnica EVENT took part in the realization of the grand finale of Kamo gбe kanku 6oga/Your Face Sounds Familiar — a live TV show performed in front of over 40,000 spectators. The event was organized in under five months and brought together the biggest companies in the sector, working as one team.

> “This wasn’t just a concert. It was a 3-hour live television spectacle, filmed in real time at a stadium. It was essentially a bold experiment — the only one of its kind not just in Europe, but in the world. The entire design of the event — from the lighting to the video walls — was created by me, entirely in Vectorworks Spotlight.”



Vectorworks not only supports visualization but enables precise planning of all technical elements, tailored to the real-life stage parameters, safety requirements, and logistics.

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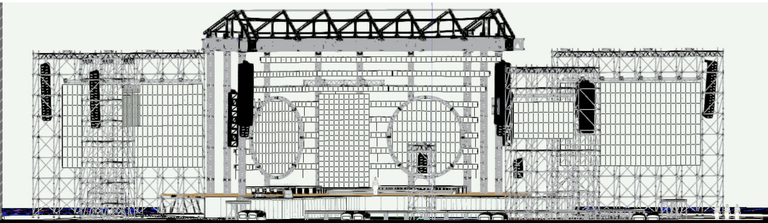
Looking Ahead:
Full Platform Integration

Since 2013, the company has continuously upgraded its versions and expanded its use of Vectorworks. The goal by the end of 2025 is full integration across all departments — from design to engineering teams:

- All participants in the process will work within the same environment, in real time.
- No more need to export design projects to AutoCAD or waste time communicating between teams.
- A unified working language will be created, facilitating collaboration regardless of location.

> “Vectorworks didn’t just solve specific problems — it gave us a new way of working. A more organized, faster, and more transparent process from start to finish.”



In Summary

The introduction of Vectorworks Spotlight fundamentally transformed the processes at proTechnica EVENT. Instead of fragmented phases between visualization, calculations, and implementation, the entire team now works in sync on a single platform. This is key to the successful execution of major projects like Your Face Sounds Familiar and ensures that the company will continue to lead in technical event production — both in Bulgaria and beyond.

Contact the Nemetschek Bulgaria specialists to learn more about Vectorworks Spotlight and Braceworks