

SEGA & STUDIO 3T

A CASE STUDY



SEGA is one of the leading interactive entertainment companies in the world, with their European HQ based in West London. They produce games for arcades, consoles, and newer platforms, such as mobile devices.

They have recently launched a new Sonic game specifically for mobile gaming, which poses some unique challenges.

SEGA Statistics:

- Employees: 4,865 globally
- Revenue: 366.9B Yen (2017)
- Profit 27.6B Yen (2017)

CHALLENGE

SEGA is a well-known producer of popular video game titles and beloved characters such as Sonic the Hedgehog.

Having initially begun their work with proprietary hardware games consoles such as the eponymous SEGA MegaDrive as their primary platform in the late 1980's, they have since moved into the fairly recent realm of mobile gaming, where concurrent users can swiftly number into the 100's of thousands.

In order to ensure that they can scale to millions of lifetime users, avoid latency in performance, and supply a satisfying mobile gaming experience, they have begun using MongoDB as the backend, with servers written in NodeJS.

- *What is the best UI for them?*
- *How can they get a clear overview of their data?*

HARDlight Studios have over a dozen Studio 3T licenses, and using a mix of **Core** and **Pro** versions, they've been able to save time and effort in ensuring games are thoroughly verified throughout the important QA phase - where it is critical that updates to the test data can be made as accurately, and easily as possible.

Scott Griffiths,
Senior Programmer,
SEGA HARDlight,
Leamington Spa.



"In our production database with 11 million accounts, I can easily export that data from production into my own local server - and I can very easily get a sample of the production data, importing and exporting using Studio 3T. "

SOLUTION

The simplicity of use in Studio 3T has had multiple benefits for SEGA:

1. Developers can fix a problem immediately, by editing a value directly in the database.
2. It's easy to copy and paste large amounts of data between different collections.
3. The power to see databases in one place. No need for log-in details, credentials and addresses.
4. A dedicated pre-made tool that makes MongoDB documents very easy to visualise.
5. Powerfully speeds up debugging process by streamlining workflow.

