

# Swift Migration of Massive Data from vBulletin to InSided Platform

## SUMMARY

The client wanted to migrate their community from vBulletin to InSided platform without any data loss. There were Nested BBCodes which were not supported by InSided, and had to be extracted to support migration. So our team of Salesforce experts created a migration strategy to replace the unsupported BBCodes through Regex.

## THE CLIENT

They are a publicly held Dutch multinational developer & creator of navigation technology and consumer electronics. Founded in 1991, they have their headquarters in Amsterdam. The client released its first generation of satellite navigation devices in the market in 2004.

## THE GOAL

The client wanted the migration to be completed without any data loss. Moreover, they also wanted to import all of their data without any hiccups.

## HIGHLIGHTS

- Swift Migration of the huge database from vBulletin to InSided
- Binary BLOBs were extracted through a transformer script
- Implemented Regex rules to extract the BBCodes

## INDUSTRY

Consumer Electronics | Navigation Technology

## THE CHALLENGES

- They had a huge database dump of data (6.04 GB) which had to be imported without any data loss.
- The client had a database that contained the binary BLOBs of file attachments, which had to be converted to actual files on disk.
- vBulletin uses a lot of types of BBcodes which the InSided platform doesn't support.
- Nested BBcodes were not supported by InSided, and had to be extracted to support migration.

## OUR SOLUTION

- We calculated the gaps in-migration as vBulletin supports nested BBcodes which InSided platform doesn't support.
- Next, we imported the database dump through MySQL command-line importer which was in excess in vBulletin, around 6.04 GB in size.
- The files, attachments, and folders were embedded in the form of BLOBs.
- We extracted the attachments in folders and added them in a file within InSided.
- The BLOBs were extracted through a transformer script which was then also writing files on actual disk filesystem. Those files were eventually uploaded to InSided CDN.
- All the unsupported BBcodes were stripped through the use of Regex.
- We made use of Regex rules to extract those BBcodes which were irrelevant for InSided and converted their data into plain text.

