

## CASE SUMMARY

**Helped client target a software application of a big company through Source Code Analysis**



# Value Delivered

Detailed mapping of a software patent was provided to the client. The provided mapping consisted of infringement evidence gathered from the product's website and source code.

# Problem to be solved

Client was interested in identifying the software products that infringe their portfolio. Through GreyB's expertise in software-related patents, we provided a cent percent mapping of patent with one of the highest revenue-generating products in the software industry.



# Solutions offered

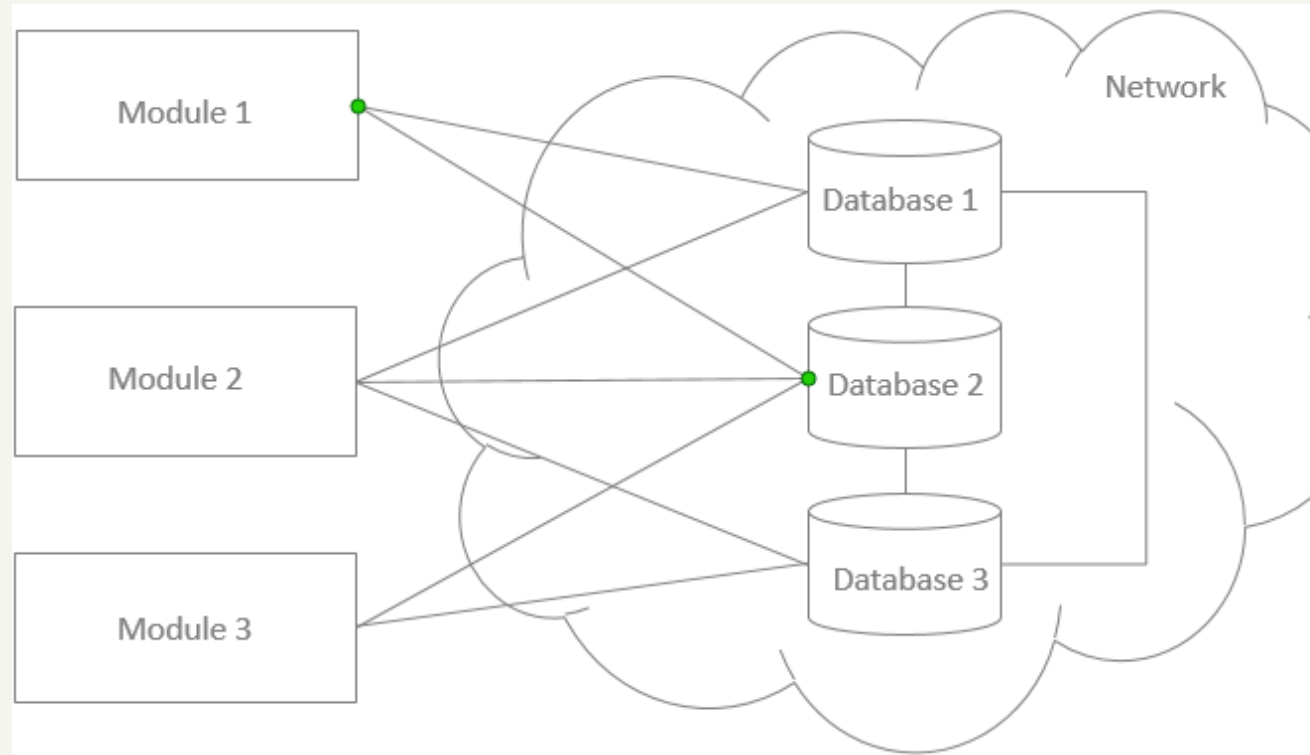
GreyB started the infringement analysis with patent understanding followed by patent prosecution history analysis to find out the novelty and strength of the patent.

Based on the understanding of the patent, we targeted one of the highest revenue-generating products. Our software experts in the team examined the product's source code and pinpointed the infringing functionality among thousands of code lines. The source-code analysis helped us to strengthen the mapping as we did not rely only on the front-end information or working of the software application. The concerned methods, objects, and variables in the source code were used to map to the claim elements.

As an end product, GreyB handed the client the EoU chart that included granular mapping of claim elements to clearly indicate the presence of each claim element in the product.



Mail Room Date	Document Code	Document Description	Document Category	Page Count	PDF
12-02-2020	ISSUE.NTF	Issue Notification	PROSECUTION	1	<input type="checkbox"/>
11-20-2020	MFEЕ.C.AD	Maintenance Fee Address Change	PROSECUTION	2	<input type="checkbox"/>
11-20-2020	WFEE	Fee Worksheet (SB06)	PROSECUTION	2	<input type="checkbox"/>
11-20-2020	N417	EFS Acknowledgment Receipt	PROSECUTION	3	<input type="checkbox"/>
11-20-2020	TRAN.LET	Transmittal Letter	PROSECUTION	2	<input type="checkbox"/>
11-20-2020	IFEE	Issue Fee Payment (PTO-85B)	PROSECUTION	1	<input type="checkbox"/>
10-09-2020	NOA	Notice of Allowance and Fees Due (PTOL-85)	PROSECUTION	10	<input type="checkbox"/>
10-09-2020	IIFW	Issue Information including classification, examiner, name, claim, renumbering, etc.	PROSECUTION	3	<input type="checkbox"/>
08-21-2020	NOA	Notice of Allowance and Fees Due (PTOL-85)	PROSECUTION	12	<input type="checkbox"/>
08-21-2020	FWCLM	Index of Claims	PROSECUTION	1	<input type="checkbox"/>
08-21-2020	IIFW	Issue Information including classification, examiner, name, claim, renumbering, etc.	PROSECUTION	3	<input type="checkbox"/>
08-21-2020	SRFW	Search information including classification, databases and other search related notes	PROSECUTION	2	<input type="checkbox"/>
08-21-2020	SRNT	Examiner's search strategy and results	PROSECUTION	5	<input type="checkbox"/>
08-21-2020	SRNT	Examiner's search strategy and results	PROSECUTION	2	<input type="checkbox"/>
07-28-2020	DIST.E.FILE	Terminal Disclaimer-Filed (Electronic)	PROSECUTION	3	<input type="checkbox"/>



```

170 private long getUsageLevel(NetworkTemplate template, long start, long end) {
171     try {
172         final Bucket bucket = mNetworkStatsManager.querySummaryForDevice(template, start, end);
173         if (bucket != null) {
174             return bucket.getRxBytes() + bucket.getTxBytes();
175         }
176         Log.w(TAG, "Failed to get data usage, no entry data");
177     } catch (RemoteException e) {
178         Log.w(TAG, "Failed to get data usage, remote call failed");
179     }
180     return -1L;
181 }
  
```

**Claim element 3** points to the `return bucket.getRxBytes() + bucket.getTxBytes();` line.

**Clause 5** points to the `return bucket.getRxBytes() + bucket.getTxBytes();` line.



# Get in touch with us!



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