

FPT DRM REPORT

Provided by Son LE

From s95bet.COM



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This report identifies the challenge of effectively managing digital rights management (DRM) keys and proposes a solution for improved tracking and reporting.

About s95bet.com

s95bet.com: Your Digital Transformation Partner

s95bet.com is a leading provider of high-tech services designed to empower businesses in their digital transformation journey. We offer a comprehensive suite of solutions leveraging cutting-edge technologies to streamline operations, enhance efficiency, and unlock new growth opportunities.

Our team of experts is passionate about helping businesses achieve their digital goals. We take a collaborative approach, working closely with our clients to understand their unique needs and develop customized solutions that deliver measurable results.

From data analytics and cloud migration to AI integration and advanced security, s95bet.com is your one-stop shop for all your digital transformation needs.

Problem Statement

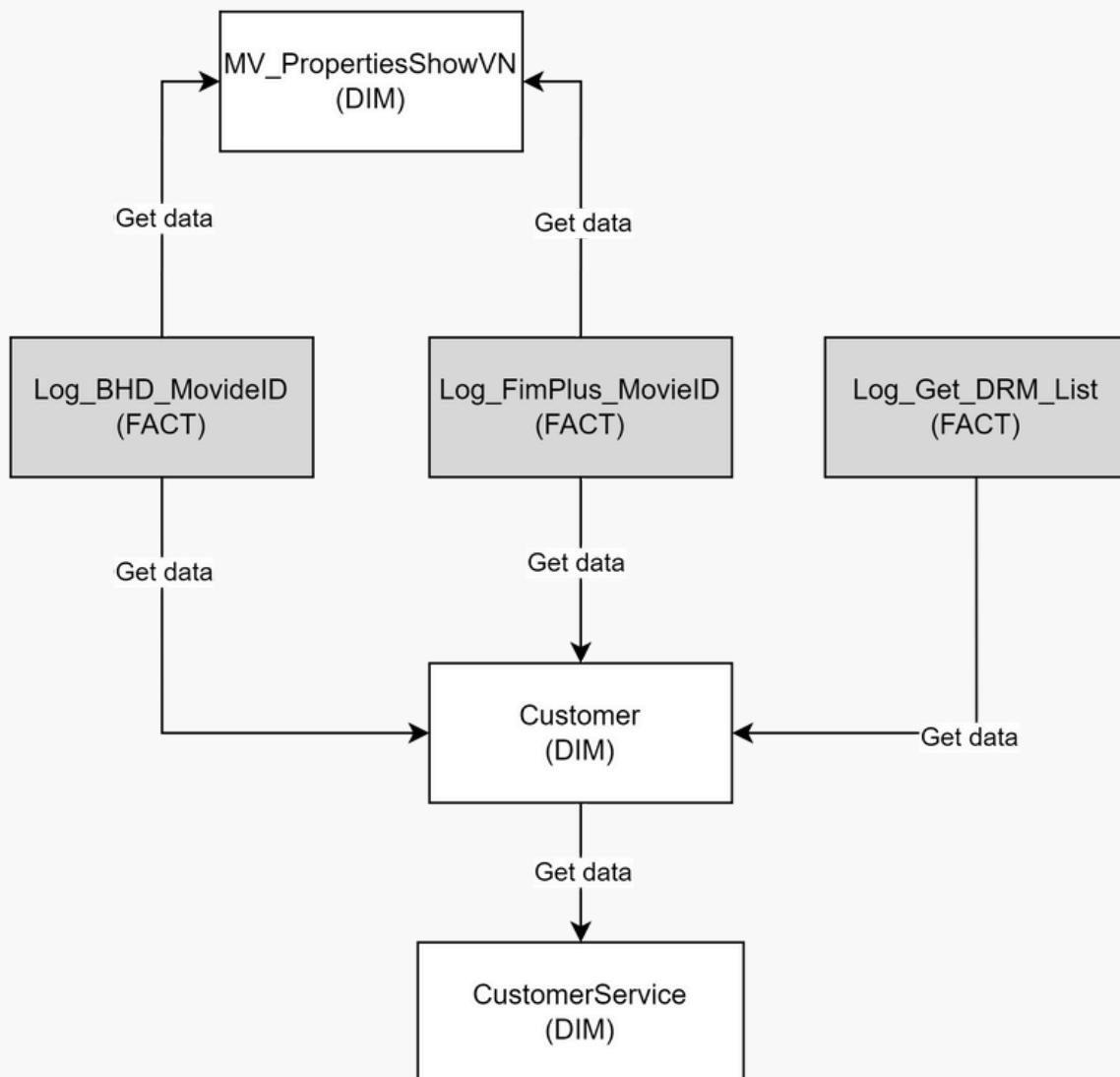


A Brief About Digital Right Management (DRM)

Effective management of digital rights management (DRM) keys is crucial for FPT Television, as it directly impacts business costs and budgeting. However, the lack of a comprehensive BI Dashboard or regular reports has hindered the ability to track and forecast DRM key usage accurately. To address this challenge, S95BET.com Joint Stock Company for Digital Transformation Services has developed this report, providing precise insights into the current key granting situation and forecasting future trends.



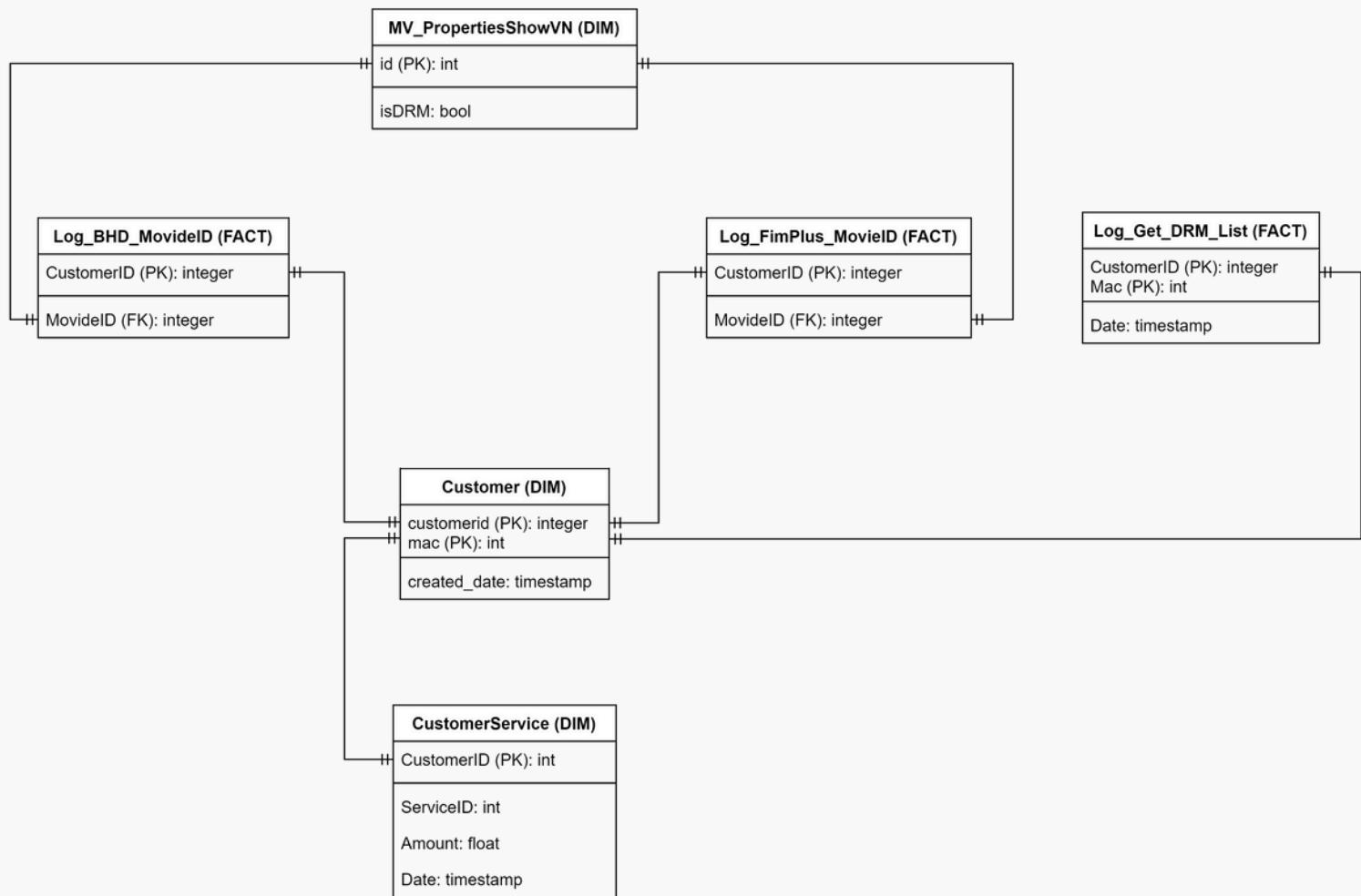
Data Model



Product Types and User Data Collection:

- There are three main product categories:
 - DRM-protected: These products require a DRMt key for access.
 - Unprotected: These products can be accessed without a key.
 - Ad-supported: These products require users to watch ads for access.
- Companies like BHD and FimPlus offer products that may or may not require DRM keys, depending on the specific offering.
- FimGoi, on the other hand, focuses on two types of products:
 - DRM-protected: These require a key for access.
 - Ad-supported: Users watch ads to access these products.
- Regardless of the product type, user activity logs will be stored for all services.

Entity Relation Diagram [1/2]



Entity Relation Diagram (ERD) Design

This design have three FACT tables from three companies thaths recorded all users' activities. Other DIM tables contains details about the products and user' information

Entity Relation Diagram [2/2]

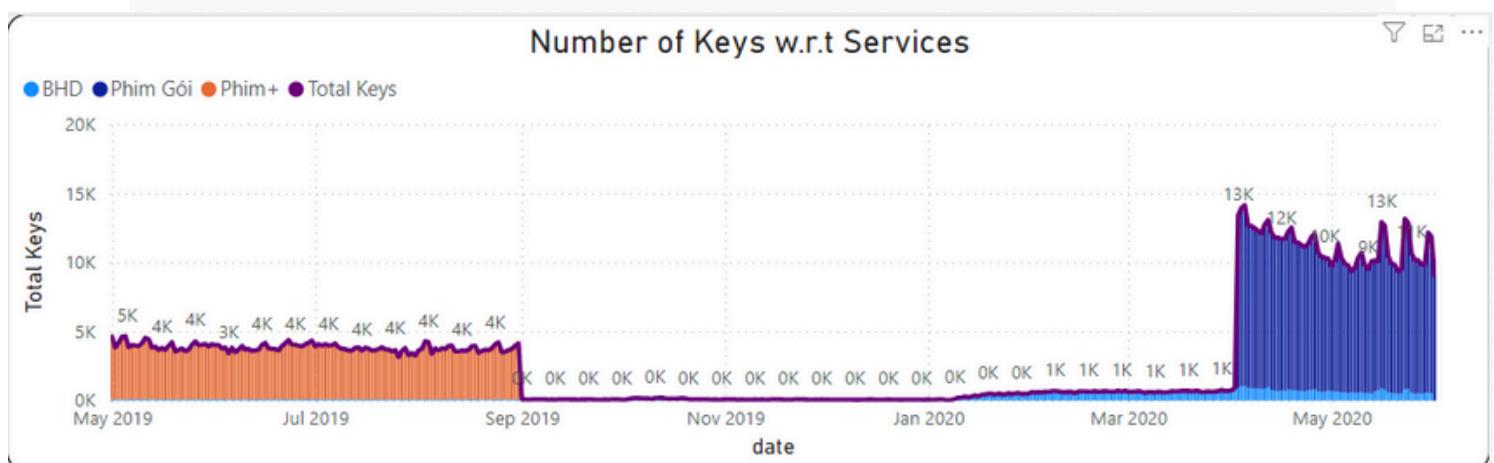
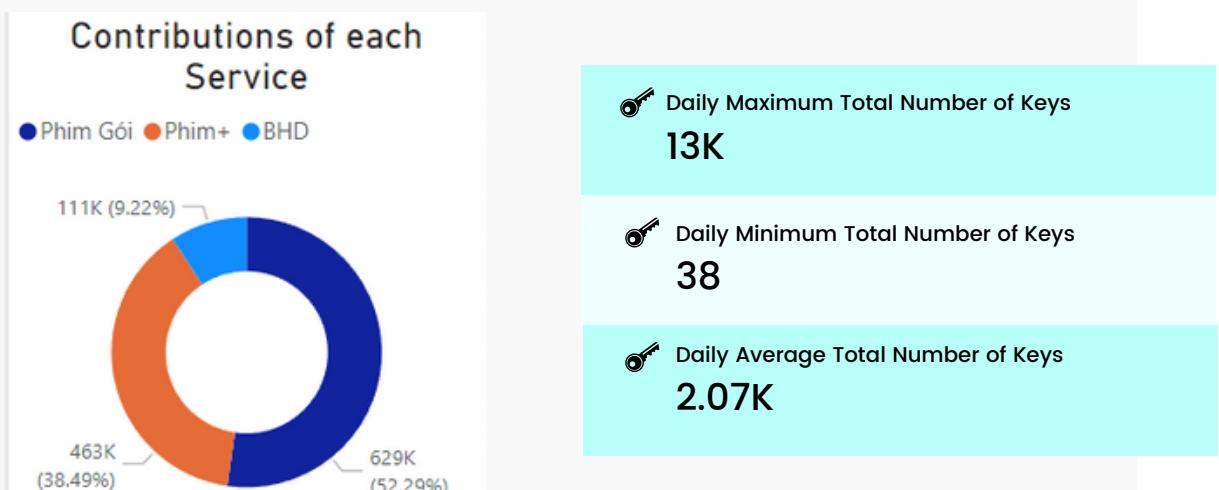
No.	Table name	Description
1	Log_BHD_MovieID (FACT)	Contains customer ID and movie ID from BHD company
2	Log_FimPlus_MovieID (FACT)	Contains customer ID and movie ID from Fimplus company
3	Log_Get_DRM_List (FACT)	Contains customer ID and movie ID from FimGoi group
4	Customer (DIM)	Contains information of customers such as customers ID, MAC address and the account created date
5	CustomerService (DIM)	Contains information of customers that pays for using products of FimGoi
6	MV_PropertiesShowVN (DIM)	Contains the movie ID and the bool value to check whether the products requiring DRM keys from BHD and Fimplus or not

DRM Keys Tracking

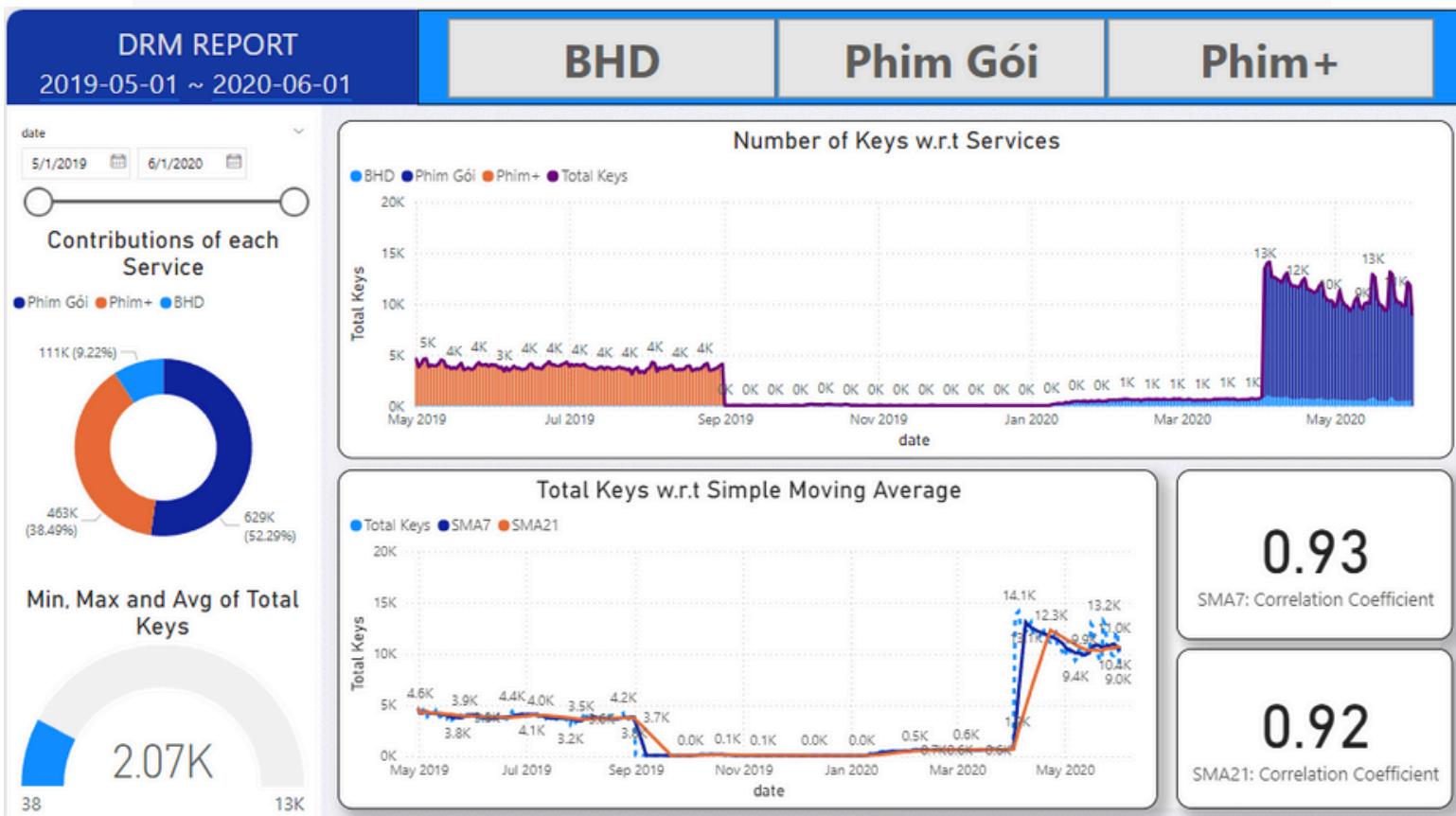
Data Insights Demo

⌚ Data Analysis Summary (May 1, 2019 – June 1, 2020)

- A pie chart reveals Phim Goi and Phim+ as the leading providers of DRM keys.
- Daily key distribution, illustrated in a line chart, shows Phim+ leading in summer 2019, while Phim Goi took the top spot the following summer.
- Data extraction highlights a significant spread in key usage of the whole investigated period: maximum (13,000), minimum (38), and average (2,070).



DRM Keys Tracking Dashboard



Summary & Conclusions

Summary

- Identifying the Need: Tracking and Reporting of DRM Key Usage
 - Outline the challenges associated with managing DRM keys and the motivations for implementing a tracking and reporting system.
- Building the Solution: Data Model, Extraction, and Dashboard Creation
 - Detail the technical approach, including the design of a data model, data extraction methods, and the development of a user-friendly dashboard to visualize key usage insights.

Conclusions

- Improved DRM Key Management: Tracking DRM key usage empowers FPT to optimize business operations.
- Data-Driven Optimization: By analyzing usage data, FPT can identify opportunities to maximize company benefits.

Our Super Team



MiMi

Chief Executive Officer
& Founder

Son Hai Le

Chief Marketing
Officer

Le Hai Son

Technical Slave

Thank You

Because, we're here to help

Write down your hopes for the future of your company.
Don't forget to thank the company for the opportunity and
convince related parties to support your company.



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