



# Petronas Boosts Data Security and Storage Efficiency with Object First's Ootbi

## Introduction & Executive Summary

PETRONAS Lubricants International (PLI) is a prominent global lubricants manufacturer owned by Malaysia's national oil company, PETRONAS. Founded in 2008, PLI ranks among the top 10 in the industry and operates over 30 marketing and regional offices across 28 countries. The company's expertise extends to high-quality automotive and industrial lubricant products, and they have high-profile partnerships, such as with the MERCEDES AMG PETRONAS Formula One team.

PLI sought a solution that could alleviate challenges they faced in data protection and backup efficiency. They chose Object First's Ootbi appliance owing to its immutability, which provides robust protection against ransomware, and its speedy performance, among other reasons.

## The Challenge

Before transitioning to Object First, PLI housed both their production data and their backups on the same Windows server, thereby creating an inherent security risk. Any breach or failure of that server could have led to the simultaneous loss of both production data and its backups. Additionally, this Windows-based system did not support immutability. Subsequently, they added a Veeam Hardened Repository on a separate server, but they still had concerns about possible destructive actions with elevated administrator privileges.

Other issues that Petronas sought to address included the following:

- **Reducing Costs** associated with **data protection**
- **Improving Recovery Speed** from backups
- **Improving Resiliency** with backups across **multiple location**

## The Solution

Petronas opted to collaborate with their trusted partner, Gruppo 3C, on their backup infrastructure renewal project. Recognizing that Ootbi from Object First would meet the requirements of the project and impressed by the appliance's security features, Gruppo 3C made the introduction. Once chosen, the installation and configuration of Ootbi were smooth, efficient, and fast.

## Case Study



With Ootbi we found a reliable multisite repository, which was in two different sites and guaranteed immutability of backups even in case of an attack.

### Pierluigi Sossi

Infrastructure Lead Europe  
at PETRONAS Lubricants International



 Company:

**PETRONAS Lubricants International**

 Industry:

**Manufacturing**

 Country:

**Italy**

 Solution:

**Ootbi by Object First**

## Results:

**Backups secured with immutability, resulting in reduced costs, better resource efficiency, improved recovery speeds, and increased resiliency.**



## The Results

The implementation of an Ootbi appliance at Petronas has demonstrated significant benefits, particularly in terms of operational efficiency, data security, and overall peace of mind regarding data management.

- **Rapid Implementation and Resource Efficiency:** Petronas experienced a notably fast setup process, conserving both time and financial resources. This allowed them to focus more on core operations while minimizing downtime typically associated with deploying traditional data solutions that require longer setup times.
- **Immutability as a Security Enhancement:** Ootbi greatly improved Petronas' data security by ensuring innate immutability. This feature prevents unauthorized users from altering or deleting data, significantly reducing the risk of data loss or corruption.
- **Assured Peace of Mind:** With the implementation of Ootbi, Petronas now enjoys a heightened sense of security regarding its data protection. The company can trust that backups are safe from ransomware and other cybersecurity threats, allowing them to concentrate on achieving their business goals.
- **Speed and Performance Efficiency:** The advanced storage architecture and optimized data management capabilities of Ootbi enable rapid data retrieval and recovery.

The implementation of Ootbi not only fulfilled Petronas' requirement for a purpose-built data protection solution but also aligned with their objectives by ensuring immutability and increasing data security.

## Conclusion

Petronas' collaboration with Object First has effectively improved their data protection and backup infrastructure. Implementing an Ootbi appliance satisfied the company's key challenges in data security, providing true immutability and stronger protection against ransomware. This empowered Petronas to focus on their business while knowing their data is safe.