



Improving Asset Tracking Through Financial Data Integration: A Case Study

Harshita Singh Solanki¹, Dr Selvi S²

¹ MBA 2025-27, Faculty of Management Studies, JAIN (Deemed-to-be University)

² Professor, Faculty of Management Studies, JAIN (Deemed-to-be University).

Article Info

Article History:

Published: 27 Sept 2026

Publication Issue:

Volume 3, Issue 9
September-2026

Page Number:

511-513

Corresponding Author:

Harshita Singh Solanki

Abstract:

This paper presents a case study focused on asset management and financial control in the IT hardware and technology services industry. The study examines the integration of financial data with asset tracking to improve operational efficiency, data accuracy and financial control. It highlights challenges related to maintaining accurate asset records, standardizing information across accounting and asset-tracking systems, and reconciling physical assets with accounting records. The study is based on practical exposure to accounting systems such as Tally and BUSY and the organization of information towards an asset-tracking environment. The findings emphasize the importance of standardized asset identification, data mapping, regular verification and reconciliation for improving asset visibility, financial information reliability and operational control.

Keywords: Asset Tracking, Financial Data Integration, IT Hardware Rentals, Accounting Systems, Data Reconciliation, Financial Control

1. Industry

The IT hardware and technology services industry comprises businesses involved in the supply, rental, maintenance and management of technology equipment such as computers, laptops, printers, projectors and related devices. The industry supports organizations by providing access to technology for business and operational requirements. With increasing dependence on digital infrastructure, organizations require efficient management of their technology assets throughout their lifecycle. Finance and asset management have become increasingly interconnected as companies need accurate information regarding the acquisition, utilization, movement, maintenance and status of physical assets. Digital accounting and asset-tracking systems are therefore becoming important tools for improving operational efficiency, financial control and information availability.

Key Issues in the Industry

One of the important challenges in the IT hardware and technology services industry is effective management and tracking of physical technology assets. Companies may handle large numbers of computers, laptops, printers, projectors and other equipment across different locations or customers. As assets are purchased, rented, returned, repaired, relocated or replaced, maintaining updated information becomes increasingly difficult.

Another significant issue is the consistency of information maintained across different business systems. Accounting systems primarily maintain financial information, while asset-management systems focus on the identification, location, status and utilization of physical assets. Differences in asset descriptions, identification numbers or other information can make integration difficult.

Rapid technological changes also increase the need for regular asset updates and replacement decisions. In addition, inefficient asset utilization can result in underused resources and higher operational costs. Therefore, organizations

need standardized asset information, proper data mapping, regular reconciliation and effective digital systems to maintain accurate and accessible asset records.

2. About the Company

Short Description About the Company

Techno World is a technology-oriented organization operating in the IT hardware and technology services sector. The company deals with technology hardware products and provides equipment-related services, including rental and support-related activities. Its business involves handling physical technology assets such as computers, laptops, printers, projectors and other equipment required by customers. Since the organization manages physical technology resources, maintaining proper information about these assets is relevant to its operational activities. The Accounts and Finance function supports the organization through financial information management and record keeping. During the SIP, exposure was gained to accounting systems such as Tally and BUSY and to the organization of information towards an asset-tracking environment.

Key Issues in the Company

A relevant operational issue for Techno World is maintaining consistency between accounting information and information relating to physical technology assets. The company deals with different types of hardware equipment, making accurate identification and tracking important for effective asset management.

During the SIP, exposure was gained to the process of organizing and mapping relevant information from Tally/BUSY towards an asset-tracking environment. This highlighted the practical challenge of ensuring that information maintained in different systems is structured consistently. Accounting records and asset-tracking records may require different fields and formats, which can create difficulties in matching information.

Another issue is maintaining updated asset information when equipment is rented, returned, repaired, relocated or otherwise changes status. If such changes are not reflected properly, the system may not provide an accurate picture of the current position of an asset. Therefore, maintaining standardized information, unique asset identification and regular verification can be important for improving asset visibility and supporting financial and operational control.

3. Describe the Problem

Detailed Analysis of the Problem Based on SIP Experience and Industry Analysis

The key problem identified during the SIP was the challenge of maintaining a reliable connection between accounting information and physical asset information. Techno World uses accounting systems such as Tally and BUSY for maintaining business information, while asset-related information needs to be organized within an asset-tracking environment.

During the internship, the process of transferring or mapping relevant information highlighted the importance of consistency between different systems. Information such as asset descriptions, identification details and other relevant fields needs to be appropriately organized before it can be effectively used for tracking. Any inconsistency or missing information may make it difficult to identify an individual asset or determine its current status.

From an industry perspective, this issue becomes more important for businesses handling large numbers of technology assets. Equipment may frequently move between the company and customers or undergo maintenance and repair. Therefore, inaccurate or outdated information can affect asset visibility and internal control. A structured process for data mapping, verification and regular updating can help address the problem.

Fig. 4.1. Related Diagrams, Data or Financials to Substantiate the Issue

The issue can be substantiated through a Financial Information to Asset Tracking Process Flow Diagram showing the movement of relevant information from Tally/BUSY towards the asset-tracking environment.

A second useful diagram can show the relationship between Accounting Records → Physical Assets → Asset Tracking → Reconciliation.

Since the SIP did not involve access to confidential financial statements or independently generated company financial data, no unsupported financial figures are presented. The process diagrams can therefore be used to substantiate the operational issue identified during the internship.

4. Strategies and Possible Solutions

Possible Strategies or Solutions

Techno World can strengthen its asset-tracking process by adopting standardized formats for recording asset information across accounting and asset-management systems. Each technology asset can be assigned a unique Asset ID along with details such as asset type, model, serial number, location and current status. A clearly documented data-mapping process can help ensure that relevant information from Tally/BUSY is appropriately organized for the asset-tracking system. Regular verification and reconciliation between accounting records, asset records and physical equipment can help identify discrepancies. Asset information should also be updated whenever equipment is rented, returned, repaired or relocated. These measures can improve data accuracy, asset visibility and internal control while supporting more efficient coordination between the Finance and operational functions.

References

1. Techno World is a technology-oriented organization operating in the IT hardware and technology services sector