SimShip Agent Return on Investment (ROI) Report

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June 2026 Metrics (QTD Simulation)

Abstract

The SimShip Agent is an AI-powered solution designed to automate the discovery, tracking, and reporting of reusable learning content across Microsoft platforms. This report provides a quantitative analysis of the agent's impact, focusing on three core objectives: enhanced content discovery, measurable efficiency gains (time and cost savings), and executive reporting capabilities. The simulated data demonstrates significant operational efficiency improvements and substantial cost avoidance through the formalization of the content reuse ("Sim Ship") process.

EXECUTIVE SUMMARY: QUANTIFIED SAVINGS

The primary benefit of the SimShip Agent is the quantifiable reduction in time and cost associated with manual content creation. The implementation has led to a direct increase in content reuse, moving the process from manual confirmation to automated discovery.

- **Hours Saved (QTD):** The agent is estimated to have saved **280 hours** of development time.

- **Cost Avoidance (QTD):** Based on standard development rates, this equates to a cost avoidance of approximately **$14,560**.

- **Avg. Time-to-Launch Reduction:** Content utilizing a SimShip match sees an average reduction in time-to-launch of **12 days**.

CONTENT DISCOVERY AND REUSE RATE

This section addresses the goal of tracking agent search activity and correlating it with successful content reuse, referred to as a "Sim Ship" (Objective 3). The data below illustrates the monthly performance, showing a healthy increase in both search volume and successful reuse instances as adoption grows.

Table 1: Monthly Content Discovery and Reuse (Simulated Data)

Month	Total Searches	Content Reuse (Sim Ships)
Jan	450	25
Feb	620	40
Mar	750	55
Apr	580	48
May	910	62
Jun	1100	75

CUMULATIVE FINANCIAL IMPACT

The cumulative cost avoidance is a critical metric for executive reporting, demonstrating the growing Return on Investment (ROI) of the SimShip Agent platform.

Table 2: Cumulative Cost Avoidance (USD) - Simulated

Month	Cumulative Savings (USD)
Jan	$1,500
Feb	$3,200
Mar	$5,500
Apr	$7,400
May	$10,800
Jun	**$14,560**

FUTURE DIRECTION AND PREDICTIVE ANALYTICS

As per the Statement of Work (SOW), the SimShip Agent incorporates AI for predictive analytics. Future reports will feature:

1. **Content Relevance Scoring:** Tracking the accuracy of machine learning models in surfacing relevant content for reuse.

2. **Forecasting:** Predictive models for future cost and time savings based on project pipeline analysis.

3. **KPI Validation:** Automated tracking and validation of key performance indicators via Power Automate workflows.

The platform's integration with MAPLE, Viva Learning, and Power BI ensures that these metrics are securely captured in Dataverse and accessible for leadership review.