



CASE STUDY

How Routematic's AI Forensics Slashed Routing Costs by ~12% for a BFSI Client in Just 30 Days

Eliminating Manual Overrides with Smarter,
System-Driven Routing Logic

Routematic _____

Industry

Mortgage
Services (BFSI)

Operations

Daily, multi-shift
transport

Location

Bangalore, India

Employee Count

~1,000



The Challenge: A Promise of Efficiency, Broken by Habit

Despite deploying Routematic's platform, transport costs were surging by 5 - 8% month-on-month. A deep dive revealed the reason:

Routers were manually overriding system-generated routes


This led to a spike in single and double occupancy trips


The client was undoing automation with human interference


Routematic's High-Impact Solution: AI-Powered Routing Forensics

To solve this, Routematic turned to its own diagnostic engine - Routing Forensics to simulate better route logic using historical data.

Here's what we did:

 Trained AI model on the client's routing patterns using past 6 months' data

 AI-simulated November 2023 using actual roster data

 Compared AI-generated routes against the client's manual approach



Impact: The Numbers Say It All



8.7% Fewer Monthly Trips

Trips cut from 3,587 to 3,275 – 312 fewer for the same demand.

11.5% Monthly Cost Savings

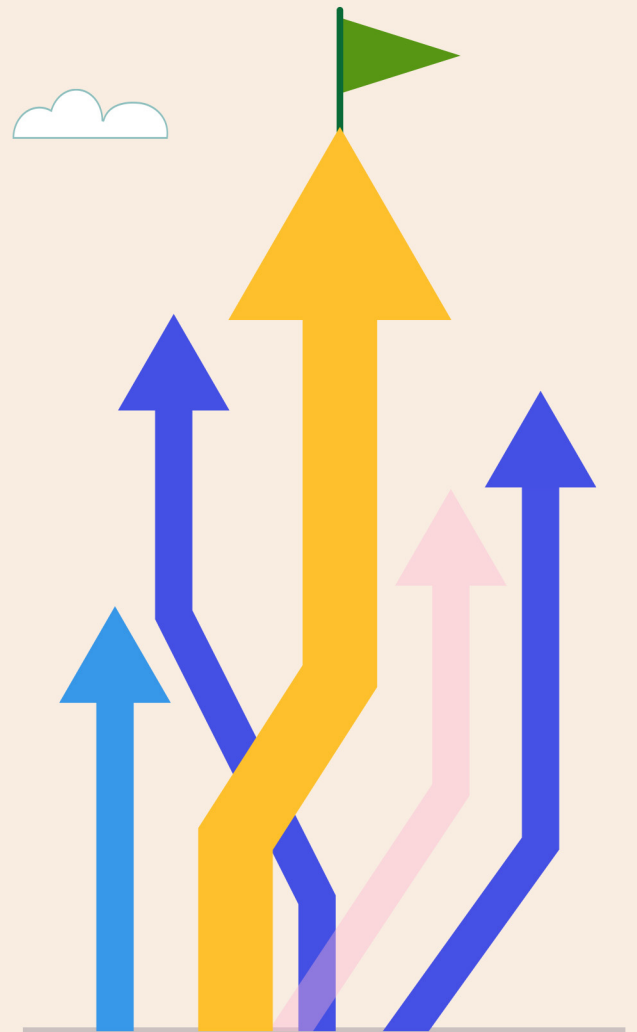
Monthly cost fell from ₹30.5L to ₹27L – saving ₹3.5L.

7.4% Fewer 4-Seater Routes

Routes reduced from 281 to 260 (-21) without affecting capacity.

100% System-Controlled Routing

Data-driven routing replaces manual overrides and trial-and-error.



20% Higher Trips per Vehicle

Increased from 4 to 4.8 trips daily.

Improved Shift Consolidation

AI-driven optimization ensures better shift alignment, enabling fewer trips for the same workforce size.



Strategic Business Value



No policy change required - only smarter routing logic



Eliminated manual overrides that were inflating cost



Established a scalable foundation for transport growth and efficiency



Improved vehicle utilization, reducing cost per employee transported

The Breakthrough

In just 30 days, Routematic's Routing Forensics module helped the client:

- Save over 11.5% in monthly transport costs
- Optimize total monthly trips by 8.7%
- Improve shift planning and route consolidation, without touching policy



Today, this BFSI client continues to use Routematic's AI simulations to forecast, plan, and refine its daily routing operations ensuring cost control, transparency, and agility.



Want Similar Results?

Let us run a simulation on your transport data. No guesswork, just hard savings.



+91 080 4709 3125



sales@routematic.com



www.routematic.com

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