

CASE STUDY

How Semac Achieved Maximum Visibility Using RDash



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About Semac Construction

Established in 1969 as a design and engineering firm, Semac has grown into one of India's leading EPC companies. Headquartered in Gurugram with a team of over 100 professionals, Semac provides complete one-stop solutions, delivering industrial projects seamlessly from concept to final delivery. One of the biggest projects Semac has delivered is a 6.5 lakh square feet warehouse in Palwal, Haryana - demonstrating their expertise in executing large-scale turnkey developments.

Semac serves clients in automotive, FMCG, technology, and renewable energy sectors. Its proven ability to deliver projects on time and within budget has earned the trust of industry leaders including Adani, Volkswagen, Maruti Suzuki, Hindustan Unilever, ITC, PepsiCo, Coca-Cola, Wipro, TCS, Amazon, V-Mart, Hero Electric, and Borosil.

Location

Gurugram



Revenue

1000cr+



Industry

EPC



Industry Challenges

The EPC sector plays a crucial role in infrastructure development across industries such as oil and gas, power, transportation, and manufacturing. However, despite its significant contributions, the sector faces numerous challenges that impact project execution. The kind of projects EPC companies handle are complex and large-scale, requiring tight coordination among multiple contractors.

Misaligned goals, scheduling gaps, and communication breakdowns often lead to delays and costly rework. Procurement adds another layer of complexity; when it's managed by different teams, it often results in inconsistent pricing, delayed material deliveries, and higher costs due to poor coordination.

On top of this, EPC firms must navigate regulatory delays, skilled labor shortages, and growing sustainability demands - all while delivering on time and within budget.

Semac recognized the need to shift from manual processes to digital workflows

Despite all the challenges in the industry, Semac has carved out a reputation for successfully managing and delivering complex projects on time and within budget. Semac stands out as one of India's leading EPC players, known for handling large-scale turnkey projects.

Semac is currently executing projects for leading names such as Polymedicure, PepsiCo, and Dhunseri Polyfilms, with most projects lasting between 18 to 24 months and carrying budgets that range from 60 to 100 cr .

One of the ongoing difficulties Semac faced was tracking project progress efficiently. Relying heavily on manual processes like Excel and spreadsheets made day-to-day management increasingly complicated as operations scaled up. With multiple vendors involved in each project and a large volume of purchase orders generated, staying on top of documentation and maintaining visibility over various project elements became a daunting task.

The leadership team soon realized they needed to standardize their processes and improve efficiency with the help of software. They weren't looking for just any general-purpose tool, but something specifically designed to address the unique challenges of their projects.

After careful evaluation, they chose RDash to meet these needs. Backing this initiative, the PMO has taken an active role in guiding the transition - ensuring new processes and tools are seamlessly integrated, and helping project teams work with greater clarity and coordination across every site.

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We've seen plenty of transitions, but Semac's was one of the smoothest. Their ability to adapt was fast and effortless.

— Vishakha Kejriwal (PMO)

Key Challenges



Budget Tracking

Keeping a close eye on expenses versus budget was tough for Semac. Without real-time visibility into spending, it was hard to spot overspending before it became a problem. This made it challenging to keep projects on budget and maintain control over costs throughout the project lifecycle.



Manual PO Process

Semac previously relied on manual processes to generate and manage purchase orders. There was no defined approval hierarchy or digital trail, making it hard to verify who approved what and when. Without a centralized system, they couldn't track the live status of POs, leading to delays in processing, missed approvals, and disruptions in procurement. This often impacted the timely delivery of materials to project sites.



Lack of Visibility

With multiple large-scale projects running in parallel, tracking the actual progress of each project proved challenging. Monitoring day-to-day progress at various sites was difficult, leading to limited visibility for managers and stakeholders, which impacted timely decision-making and project control.



Document Management

Semac's projects often involved multiple vendors, with each vendor generating 300 - 400 invoices. With documents scattered across emails and folders, retrieving even basic information became a challenge. Every time someone needed a detail, it turned into a manual hunt - slowing down coordination, approvals, and execution.

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With live updates, we're no longer chasing information. It's helped us stay ahead and plan better across sites.

— **Mr. Praveen** (Cost Control)

Implementation



Process Streamlining

Semac works with some of India's biggest companies and has a strong track record of delivering complex projects with structure and discipline. As they work with multiple clients, they needed a unified platform to bring everything together. RDash brought all of Semac's projects onto one platform - making it easier to manage daily tasks in one place. Teams could track progress as it happened, respond to issues faster, and coordinate smoothly without relying on scattered updates.



Driving Financial Clarity With Custom Dashboards

Semac was managing everything manually through Excel and spreadsheets. While they rarely faced cost overruns but the process was time-consuming and heavily dependent on manual effort. We implemented custom dashboards tailored to Semac's workflow, making it easy to compare budgets with actual expenses, real-time visibility into order statuses, project-wise spending, and vendor-wise breakdowns. Instead of juggling spreadsheets and manual reports, they could now view all critical financial data at a glance.



Setting Up a Clear Approval Workflow

With RDash's approval hierarchy, every PO goes through the right level of review. Semac works with multiple vendors, and each vendor generates 200–300 POs.

Earlier, tracking who approved what and when was tough. Now, site teams can raise requests easily, and decision-makers can clear them instantly via WhatsApp. Every approval is auto-recorded, giving the team full traceability and speeding up procurement across projects.



Real-Time Performance Tracking and Analytics

With RDash, Semac no longer had to wait on manual reports or back-and-forth calls to know where things stood. Task progress, site updates, and delays could now be tracked live - giving teams instant visibility into what needed attention. This helped teams stay aligned, avoid last-minute surprises, and keep work moving without constant follow-ups.

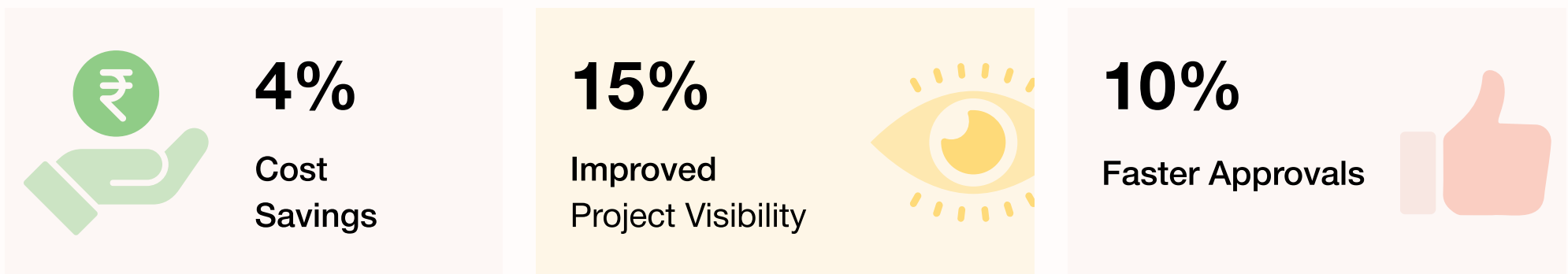


Training and Rollout

To make the transition seamless, an RDash PMO was placed on-site at Semac to support teams on the ground. Having dedicated support available every day made adoption smoother, helped resolve real-time queries, and ensured the team could confidently manage their workflows without disruption.

With the PMO working closely across departments, feedback loops were built into daily interactions, helping teams share what was working, what needed improvement, and where more flexibility was required. This ongoing feedback helped fine-tune workflows and ensured Semac could get the most value out of the platform.

Results



Semac's finance team no longer relies on manual processes to track budgets, spending, and vendor payments. With custom dashboards in place, they now have clear visibility into budget vs. actual spend, helping reduce cost overruns by 4% and cutting down time spent on reconciliation.

With everything now tracked in one place, real-time alerts on delays and updates allow Semac's teams to monitor progress across all projects. This visibility led to a 15% improvement in coordination, allowing teams to respond faster and stay aligned.

By introducing a structured multi-level approval flow, PO approvals, which earlier required manual follow-ups, became faster and more reliable. The new system helped reduce approval processing time by 10%, speeding up procurement efficiency.



We finally can track the progress of all our projects in one place. The team logs updates on-site in real time, so we're always in the loop. It keeps everyone focused on the work that matters - without getting lost in spreadsheets.

— Mr. Mrigank (Senior Cost Control)

Star Tools/Features



Approval Hierarchy

The Approval Hierarchy module established a clear digital trail for every transaction, ensuring each purchase goes through the right reviewer. Teams can instantly view who approved what and when, bringing accountability and transparency to every step of the process.



Order Module

RDash's order module quickly became a team favorite, automating purchase order processing so that once approvals are cleared, orders are dispatched directly to vendors through the platform. The team no longer needs to track orders on WhatsApp or email, making procurement faster and providing clarity to Semac's procurement process.



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