



ARES
PRISM

Enterprise Project Lifecycle Management

Predict and Influence Project Success with ^{ARES} PRISM



Capital projects are increasing in size and scope and are being managed under more scrutiny than ever before. Owners and contractors are faced with mounting pressure to adopt stringent project cost and earned value management processes for increased project transparency. Without comprehensive earned value analysis, troubled projects can spiral out of control before anyone recognizes a problem exists. Improved planning, budgeting, earned value management, and cost control are imperative to reduce project risk and secure on-time, within budget delivery.

ARES PRISM is an enterprise project lifecycle management solution that supports the planning, execution, and completion of capital projects for dependable forecasts, cost control, and performance measurement. As an out-of-the-box solution, you can experience the benefits of ARES PRISM quickly with simple and fast implementation. By gathering all your project data into one central location, you are reducing project risks, increasing team communication, and improving data quality; allowing you to achieve superior project controls. ARES PRISM aligns the project budget and schedule, provides change management workflow, and delivers accurate reports and dashboards so that you have the transparency required to pinpoint potential problems and make strategic decisions.



Benefits

Improved Financial Performance with an Out-of-the-Box Solution

- Avoid budget overruns and delays by using ARES PRISM to effectively monitor the important aspects of the project.
- Decrease project management overhead costs.
- Optimize cash flow to increase profitability.

Improved Workflow, Enhanced Visibility and Control

- Standardize project performance measurement techniques across projects to allow program or portfolio roll-ups and analysis.
- Gain visibility into project execution and performance through dashboards.
- Track expenditures or calculate forecasts without having to rely on a series of spreadsheets.

Scalability

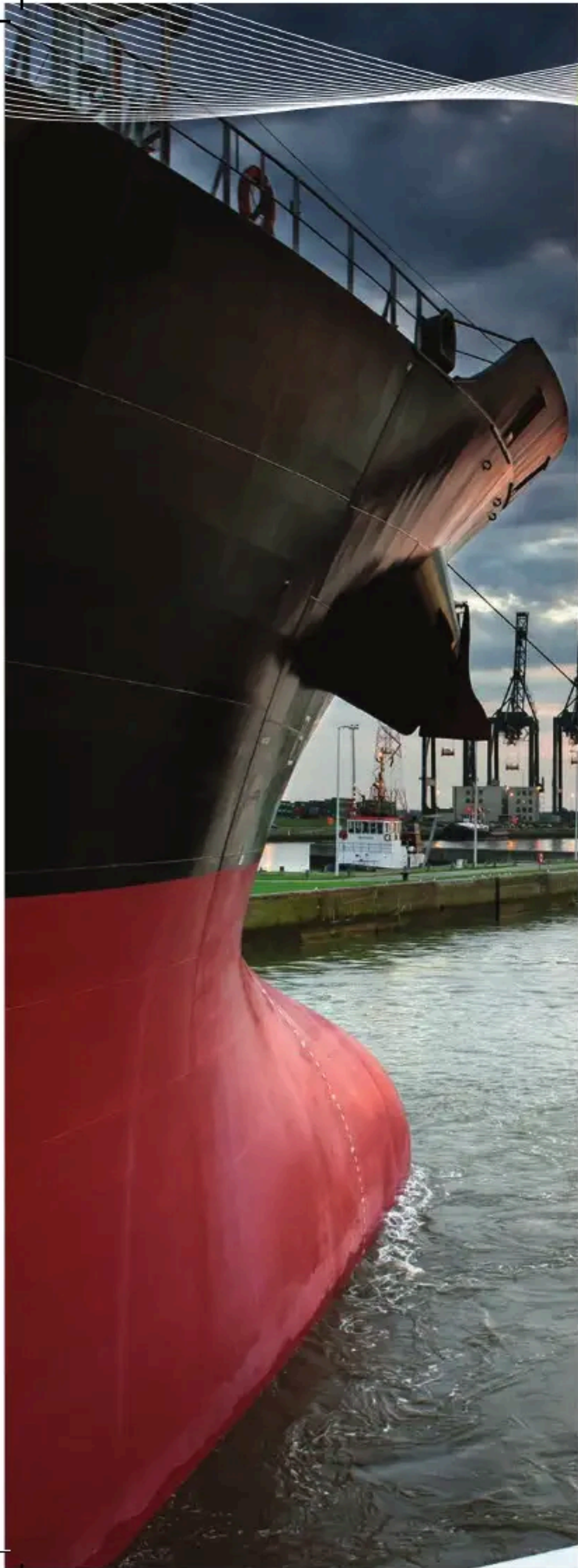
- ARES PRISM will maintain excellent response time regardless of the number of projects, the amount of project data, or the number of users. It maintains performance levels and takes full advantage of larger operating systems in terms of user response time and the amount of users that can be handled.

Measure Performance Across Projects, Programs, and Enterprise

- ARES PRISM has processes that help collect, analyze, and report on information regarding the measurement of performance by component, project, group, organization, system, program or portfolio.
- Utilize One Central System that handles:
 - Portfolio Management
 - Program Management
 - Project Management for both small and large projects
 - Maintenance Work
- Simplify month-end progress and status reporting.
- Perform earned value analysis.
- Analyze performance variances and provide explanations and actions.
- Expose potential problems with accurate forecasting.
- Increase management awareness with executive dashboards.

Simple and Fast Implementation

- After you have collected and organized your project management data, then the ARES PRISM implementation can begin and be completed in as little as 5 days. ARES PRISM is truly out-of-the-box with no customization required!
- We provide a plan to implement ARES PRISM to ensure that it meets your organizations specific needs.
- Depending on the size and scale of your implementation and the readiness of your data, you can be set up in as little as 5 days per project for the initial pilot. After the initial pilot, setting up subsequent projects can be done in as little as one day based on your templates.
 - Day 1: ARES PRISM is installed and your staff commences training.
 - Day 2: Once your project data is organized, it is loaded manually through imports.
 - Day 3: Staff begins to analyze the project data with ARES PRISM.
 - Day 4: Your business processes are blended with project controls best practices.
 - Day 5: Meaningful reports are produced and data is published to the Dashboard.



Early Project Optimization Reduces Costs

The best opportunity for project cost savings is during the definition, planning, and early design phases of a project. That's why we provide an end-to-end complete project lifecycle management solution to help global organizations reduce costs and increase visibility. Effectively eliminate organizational silos by having all your project data in one central location, allowing all project members easy access to data for analysis and decision making. With ARES PRISM, you can estimate and plan, control cost, and manage projects with forecasting, progress, and performance measurement. All of this allows for on-time, within budget project delivery.

WHY ^{ARES} PRISM?

Comprehensive

- Seamless data integration from conception to completion.
- Cost tracking, variance analysis, and forecasting to facilitate accurate predictions of end-of-project costs.
- Meets federal government requirements for earned value management.
- Utilizes Key Performance Indicators (KPIs) to identify performance issues early and maximize productivity.

Intuitive

- Role-based, customizable user interface.
- Flexible coding, powerful analytics, and useful reporting options are available to meet project and enterprise reporting requirements.
- Web-based dashboard displays comprehensive cost and performance data at the enterprise, portfolio, and project levels.

Scalable and Secure

- Multi-project.
- Multi-user access.
- Multi-currency.
- Multi-language.



ARES PRISM Product Details

The ARES PRISM solution provides organizations with the flexibility to deploy and adopt based on their business requirements. ARES PRISM can work in a LAN environment, a WAN environment, or across the Internet. With a role-based interface and Microsoft standards, ARES PRISM is easy to learn for any type of user including:

- Cost engineers who manage project costs all day, every day.
- Project managers who require up-to-date information to identify potential problems and react quickly to resolve issues and mitigate project risks.
- Project executives who require instant enterprise dashboards that summarize performance statistics.



ARES PRISM offers several modules to accurately emulate your workflow and business processes throughout the project lifecycle. These ARES PRISM modules include: Estimating, Cost, Engineering, Procurement, Contracts, Field, and Dashboards.

PRISM Estimating

PRISM Estimating (Powered by CostOS) is designed for organizations that require consistency and centralization of estimates and estimating data. With PRISM Estimating, create a conceptual estimate for feasibility studies with a range of detailed estimates helping you to win work and develop sound budgets.

Estimating Features

Seamless Functionality

- Powerful databases with Excel functionality.
- Ability to use external knowledge databases such as SPON or RSMeans.

Embedded BIM Technology

- BIM engine makes it possible to approach an estimate from a visual standpoint.
- Perform quantity takeoffs directly on the 3D model fully resourced.

Integration

- Fully integrated with Primavera P6 to import/export schedules.
- Export capability to PRISM G2 Cost module.
- Import capability from PRISM G2 Equipment/Material module.
- Integrated with Microsoft Excel.
- Communicates with BIM designing systems such as Revit MEP, Archicad, or Bentley.

GIS TakeOff

- Use Google or Yahoo powered maps to perform your estimates.
- Zoom close to the project and perform takeoffs with accuracy.



Cost

Customers implement PRISM G2 Cost to secure on time, within budget delivery. This module integrates project schedules and cost estimates to develop time-phased budgets and forecasts, as well as measuring performance and productivity using cost, hour, and quantity control elements. It supports all required processes including:

- Budgeting
- Resource planning
- Time-phasing
- Progress and performance measurement
- Earned value management
- Cost and schedule analysis
- Risk tracking
- Funds allocation
- Forecasting
- Reporting

You can create unlimited control accounts to manage your project at any desired level and summarize cost details to the enterprise level. With more than 25 algorithms supporting even the most complex progress measurement, PRISM G2 Cost is the clear winner for complete cost control.

Cost Features

Lower Project Costs

- Simplify month-end progress and status reporting.
- Manage project data at the level of detail required.

Integrate Estimate, Schedule and Cost

- Align budgeted cost and schedule.
- Time Phase to track responsibility, scope, and corrective action plans.
- Integrate with Primavera P6, MS Project, and Financial Systems.

Reporting

- Meets government reporting requirements.
- Earned value management reporting.
- Enterprise reporting.

Resource Planning

- Resource planning, staff planning, and control.



PRISM G2 Engineering

PRISM G2 Engineering is an earned value engineering progress solution designed for budgeting and monitoring hours by engineering tasks, deliverables, and packages. Engineering documents can be progressed using various methods including pre-defined milestones. Documents linked to engineering packages are subsequently linked to Control Accounts in PRISM G2 Cost to provide progress and performance at multiple levels of detail.

Engineering Features:

Engineering Documents

- Define status and progress engineering documents and deliverables.
- Group and organize documents with flexible coding.

Tasks and Deliverables

- Budget tasks and deliverables by hours.

Report Progress and Productivity

- Accurately measure progress and report productivity by milestone or deliverable.

PRISM G2 Procurement

PRISM G2 Procurement provides the required functionality to manage the complete procurement process for any size or type of project. Customers can easily generate purchase requisitions, Requests for Quotation (RFQs), bid analyses, and purchase orders by accessing process equipment and bill of material databases. Upon award, you can manage shipments to ensure items are properly tracked and delivered to the job site according to plan.

Procurement Features

Bid Packages

- Develop bid packages from requisitions, perform bid analysis, and award purchase orders.

Requisitions and Purchase Orders

- Generate engineering requisitions and purchase orders.

Expedite Delivery of Materials

- Expedite the delivery of materials and process equipment to the project site.

PRISM G2 Contracts

PRISM G2 Contracts is a complete contracts administration tool for owners, EPCs, and construction management firms. Create prime contracts, manage Request for Proposals (RFPs), conduct bid analyses, award committed contracts, as well as complete payment processing.

Contracts Features

Bid Analysis

- Record contract bids, perform bid analysis, and award contracts.

Calculate Progress

- Evaluate contract performance and calculate accurate progress.

Timely Payments

- Monitor contract invoices to ensure timely payments.

Track Changes

- Record and track changes for accurate forecasting.

PRISM G2 Field

PRISM G2 Field is an essential progressing tool for efficient and timely status updates from the field. Keep the team, including contractors and subs, on track by identifying critical issues when tasks are going over budget or falling behind schedule. PRISM G2 Field is used to develop progress accounts and progress items that are budgeted and tracked in terms of quantities installed or completed as well as hours worked for field activities. With detailed field management throughout the project lifecycle, the team will be alerted to issues in a timely manner allowing for the rapid development of corrective actions to keep projects on-time and within budget.

Field Features

Construction Status

- Define status and progress construction tasks by WBS, Area, Phase, etc. to be progressed on a routine basis.

Deliverables

- Budget tasks and deliverables by hours and quantities.
- Accurately measure progress and report productivity.

Mobile

- Dynamically record actuals from the field using any mobile device.
- Sync data within seconds over the web.

Reporting

- Create construction progress reports.
- Deliver more accurate forecasts.

PRISM Dashboard

PRISM Dashboard (powered by Tableau) enables executives and project controls professionals to visualize their data and understand project, program, and portfolio performance at a glance. It allows you to quickly analyze projects at the enterprise level while also being able to drill down into individual projects. With PRISM Dashboard, you will reduce exposure to risks using KPIs that help to avoid costly surprises that will impact your funding. View performance budgets, earned values, actuals, commitments, forecasts, variances, and performance indices while driving executive insight with real-time Business Intelligence (BI) analysis. Benefits include:

- Immediate focus and drill down on those project activities that represent the greatest project risks.
- Real-time use of PRISM Dashboards saves significant capital costs.
- PRISM Data Warehouse and PRISM Dashboard are a platform for consolidating all project data – a significant time-saver for management.
- PRISM Custom Dashboards can be tailored to each manager's specific data needs throughout your organization.

Dashboard Features

Fast Analytics

- Connect and visualize data from ARES PRISM in seconds.

Smart Dashboard

- Contains multiple views for richer insight into your projects.
- Risk indicators by project.
- Data drill down.

Combine All Data

- Connect spreadsheets, databases, big data, etc. allowing you to explore any and all data.

Update Automatically

- Get published ARES PRISM data and automatic updates on schedule.

Discover the Power of ARES PRISM

Our solution is powerful, easy-to-use, and scalable for projects and programs of all sizes. ARES PRISM satisfies the project needs of your entire organization. Our software innovations enable customers to implement a solution that's right for them. From custom reporting and PRISM Dashboard to ERP integration, everyone gets the necessary information to run a more successful project.

Valuable Custom Reporting:

ARES PRISM provides over 250 robust reports at the project and enterprise level. In addition to the standard reports, it contains an easy-to-use custom report writer. The report writer provides greater flexibility to establish professional operational reports specific to your organization.

Powerful Integration:

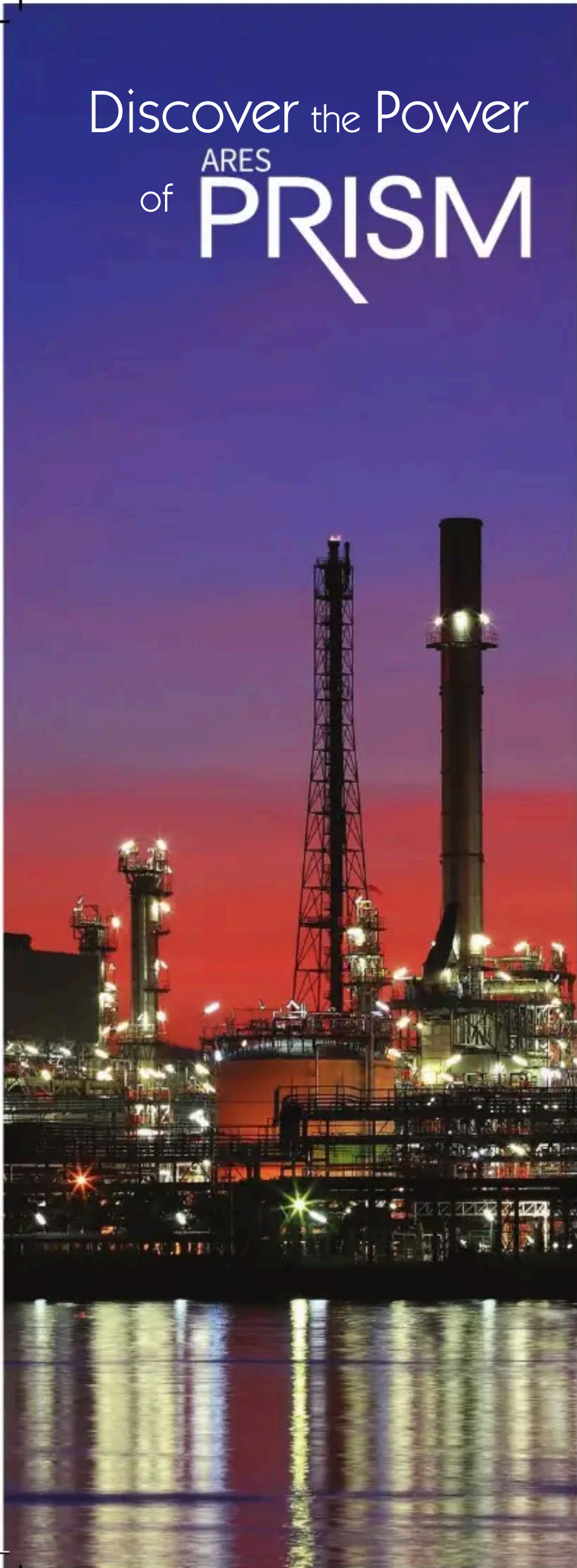
PRISM INtegrator is an out-of-the-box integration platform that connects IT systems, ERP systems, and financial systems enabling you to orchestrate data flow that supports your business goals. It allows you (without complex code) to connect the information in your corporate environment with the ARES PRISM enterprise project lifecycle management solution.

Fast, Secure Access Anywhere:

ARES PRISM can be installed in a Client Server environment or can be provided as a Hosted solution. When using a Hosted solution, you can use a web browser to access the hosted project database, allowing for easy access from any location. For optimal security, ARES PRISM only allows specified users to view and alter data. Users with the appropriate security credentials can edit and manage their data, gain access to dashboards, and print their own reports.

Instant Business Intelligence:

Owners, EPC firms and contractors require enterprise project intelligence to make important strategic decisions about their capital projects and programs. The best way to achieve this is by enabling complete project transparency via interactive dashboards with KPIs. With PRISM Dashboard, you will have instant, secure access to your enterprise project cost data helping you understand business and project performance in terms of schedule, budget, and forecasts.





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