Managing your Capital Projects with TRIRIGA

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Business Solutions Manager
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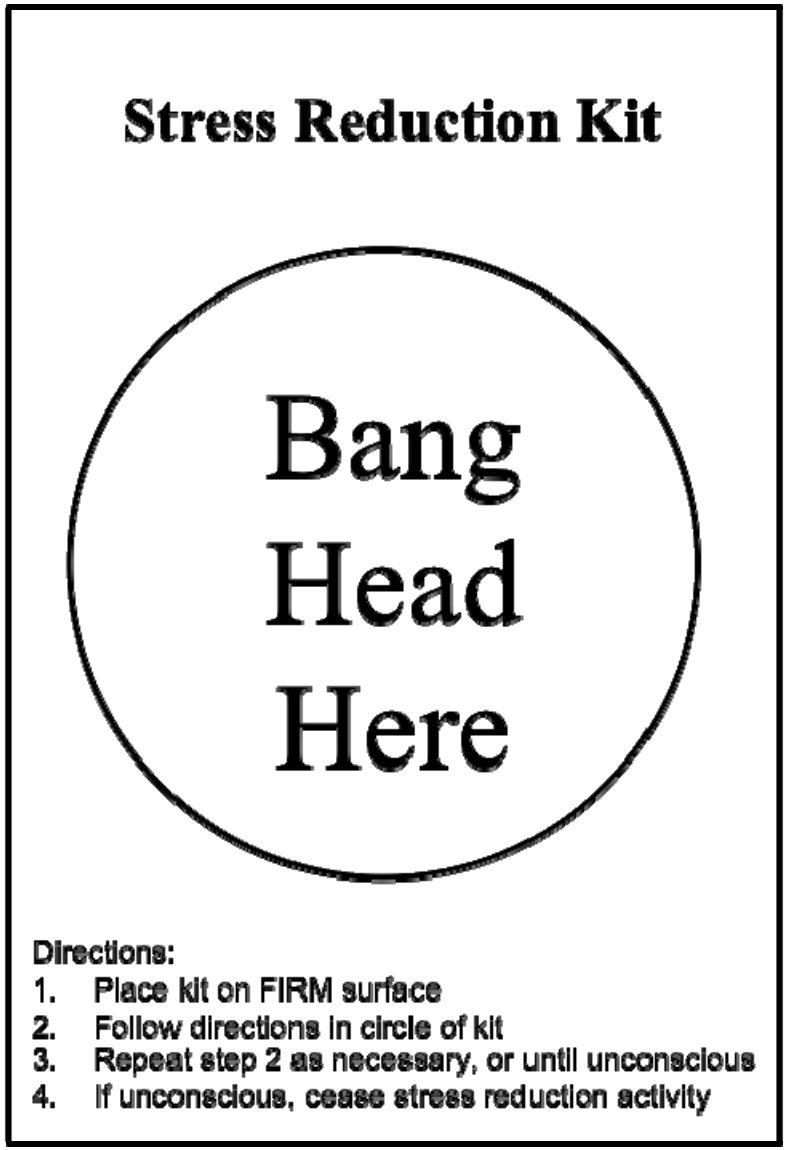
TRIRIGA®

Project Management is like dating
-you smile a lot,
-you pretend to enjoy yourself,
-and wait for some jerk to call you back.

And so the life of a Project Manager goes on.....



Houston, we've had a problem

"Whoever decided to apply the maxim "failure is not an option" to a project is either a client, a boss, a politician, or just plain stupid.

Projects have an innate ability to fail. Successful project management is about planning for failure and avoiding the pitfalls.

You don't think we'd send a man to the moon without planning to fail."

"Failure is always an option…….."

FAILURE IS NOT AN OPTION

The Dark Side of Capital Projects…..

- Over the next twelve months, organizations that average closing $65 million worth of projects will see $30 million of those projects at risk of failing
- 47% of projects are in trouble before they start.
- Almost 1/3rd will be cancelled before completion
- Less than 25% of organizations have a standard process for recovering troubled processes
- 1/3rd have none at all.

Which means that 7 out 8 projects will fail at some point……

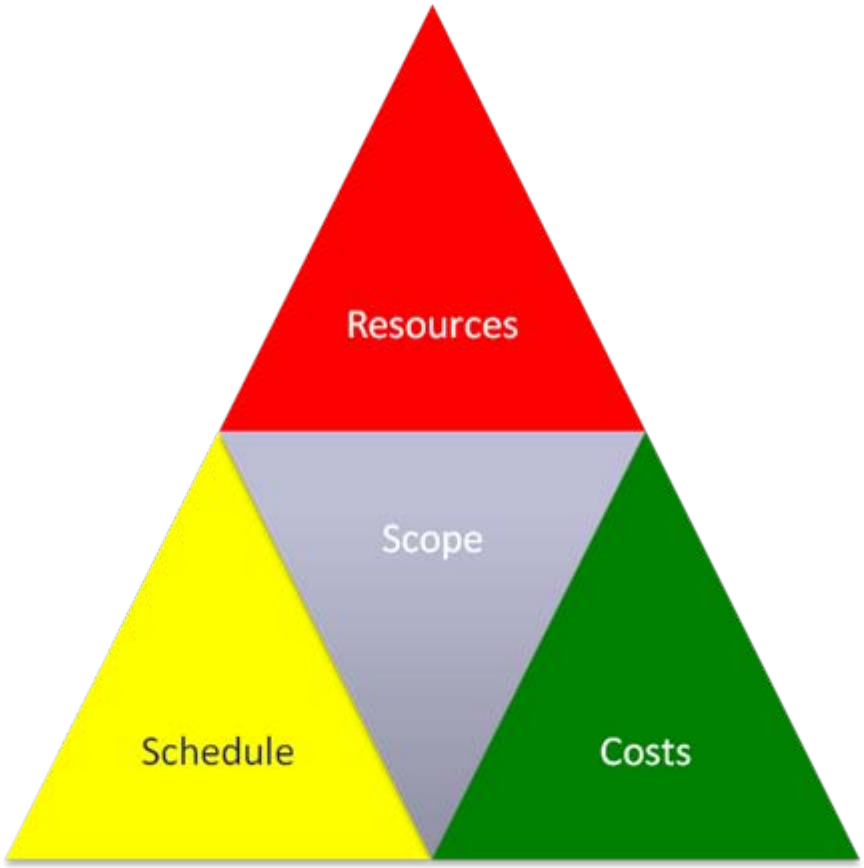
Ergo……..

- Only **1** out of every 8 projects is a success

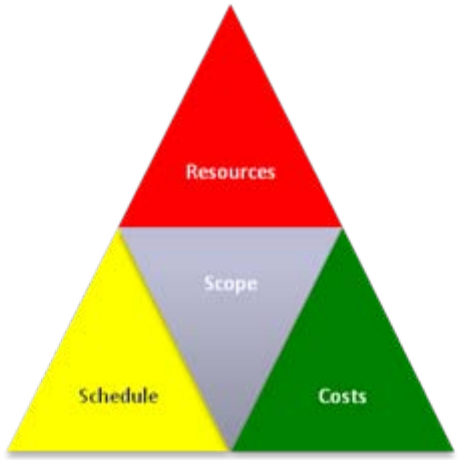
- *……statistically speaking that is*

Projectmanagercus Ecstacticus

Why Projects Work……



Why Projects Work……



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Stakeholder Requirements & Expectations

What's the problem……

Schedule

1 Meeting milestones or completing deliverables
2 High risk in delivering project's likelihood of delivering anticipated benefits
3 Project forecasted to be unacceptably behind schedule at completion
4 Project unacceptably behind planned schedule
5 Critical and/ or significantly growing technical issues with the project

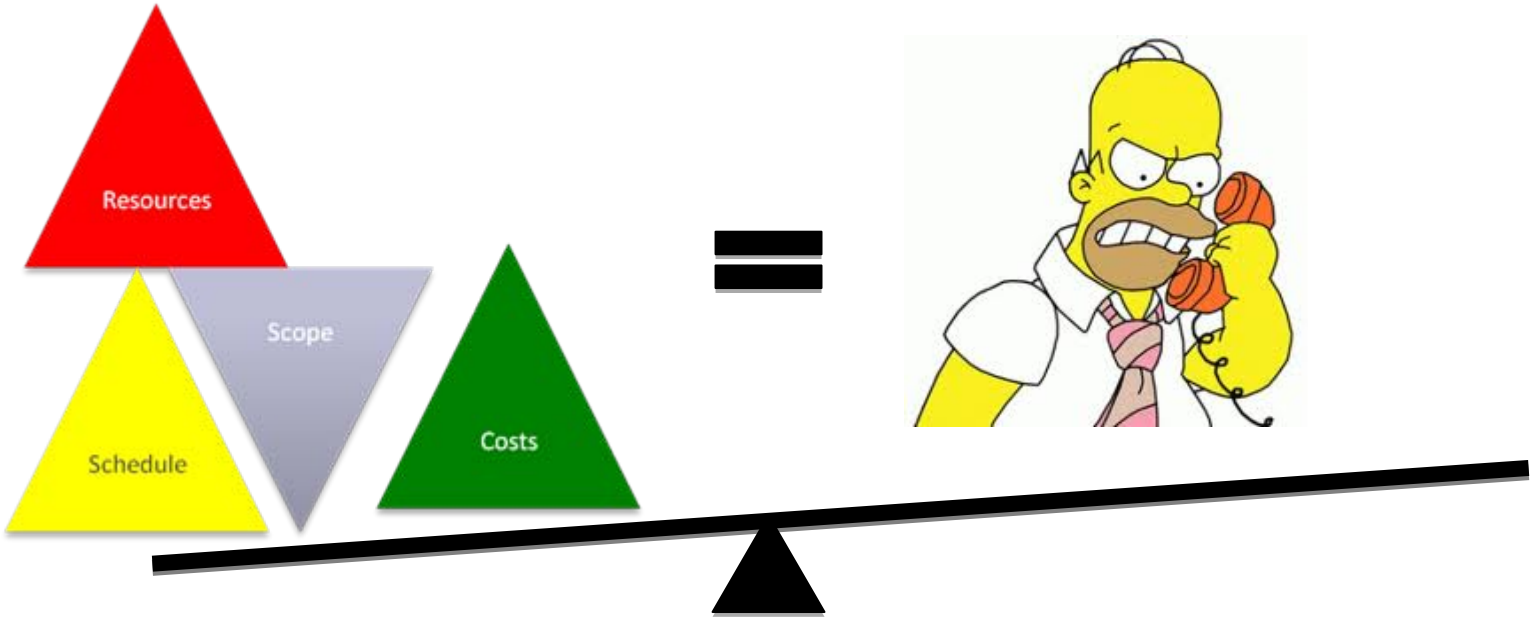
Time

1. Aggressive/ unrealistic project schedules
2. Erroneous time estimates
3. Unrealistic stakeholder time constraints
4. "You want it when?"
5. ....

Scope

1 Project requirements not clearly understood
2 Unacceptable level of PCRs/ project cost over-runs
3 Unmanageable project issues/ resourcing issues
4 Unmitigated project risks
5 .....

And so…….

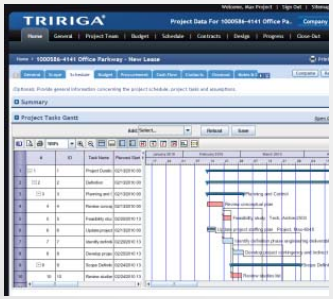


TRIRIGA Workplace Enterprise-Class Applications

TRIRIGA Real Estate

- Portfolio Planning
- Site Selection
- Transaction Management
- Lease Administration
- Lease Accounting
- AR Tenant Tracking
- Payment Processing
- Client Requests

TRIRIGA Projects

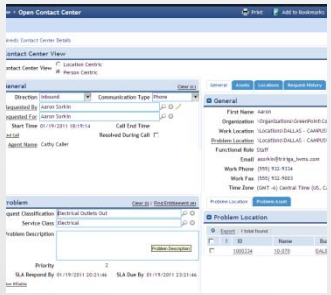


- Program Management
- Fund Management
- Scope Management
- Cost Management
- Schedule Management
- Resource Management
- Quality Management
- Vendor Engagement
- Procurement

TRIRIGA Facilities

- Space Management
- Space Chargeback
- Space Requests
- Strategic Planning
- Move Management
- Reservation Management
- Personnel Provisioning
- CAD Management

TRIRIGA Operations



- Contact Center
- Service Management
- Warranty Management
- Preventive Maintenance
- Facility Assessment
- Security/Key Management
- Inventory Management
- Capital Planning
- Resource Planning

TRIRIGA Environmental

- CO2 Emission Tracking
- Utility Tracking
- Waste Disposal
- Water Consumption
- Green Opportunities Tracking
- LEED/BREEAM Certification
- Energy Star Integration

TRIRIGA Core Components

- Geographies
- Locations
- Organizations
- Vendors
- People
- Specifications
- Assets
- Contracts
- Receiving
- Invoicing
- Requests
- Tasks
- Customer Self Service
- News
- Graphics
- Document Management
- Reporting
- WPM Metrics
- GIS Mapping
- GANTT Schedules

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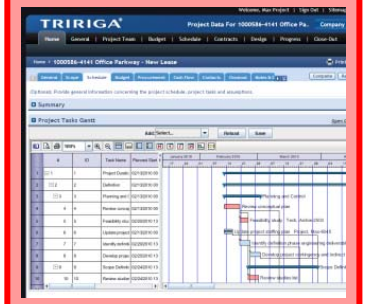

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- **Schedule Management**
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- **Quality Management**
- **Vendor Engagement**
- **Procurement**

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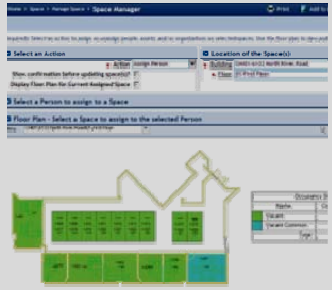

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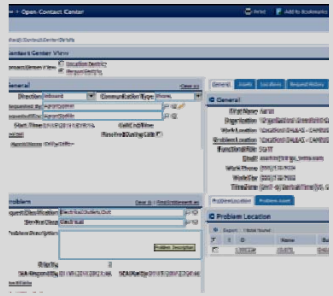

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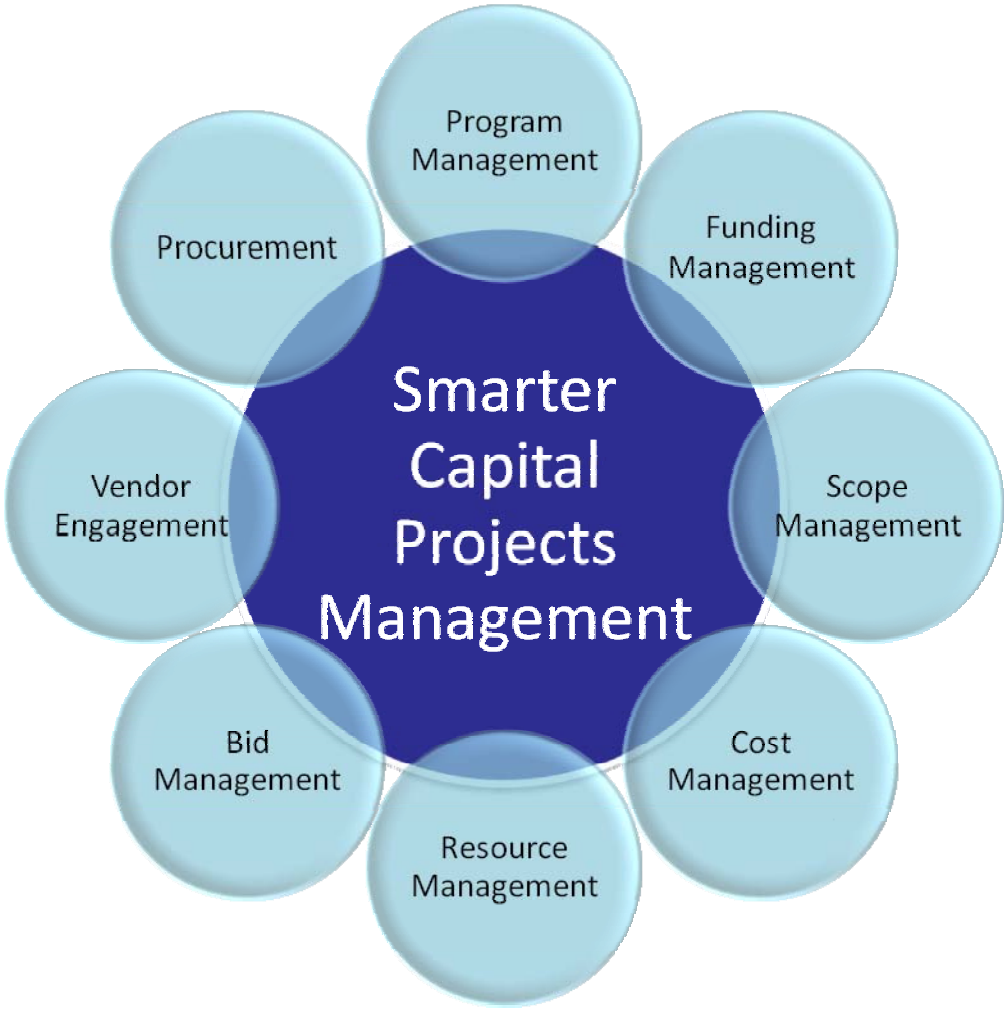
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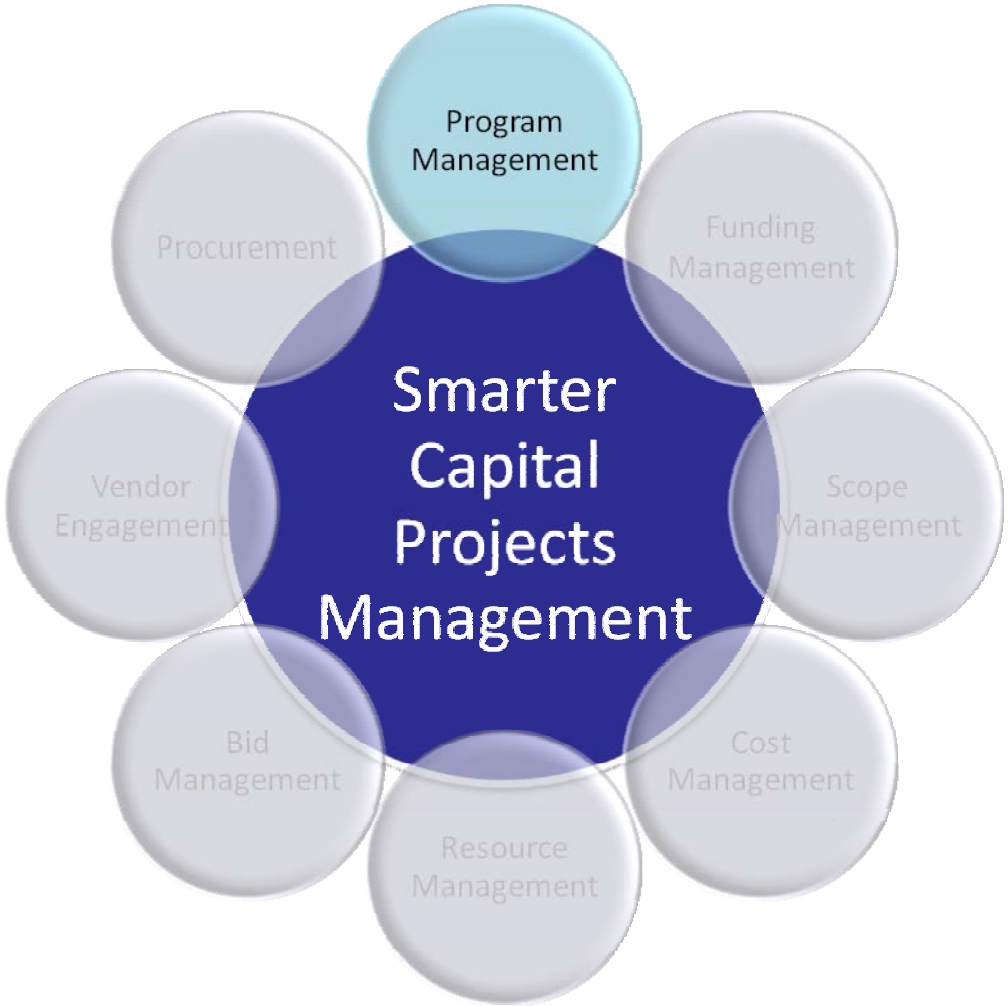
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Program Management streamlines operational, financial, and environmental improvements

Business Challenge

- Align business goals and capital funding requests
- Match timing of funding with project schedules

Key TRIRIGA Features

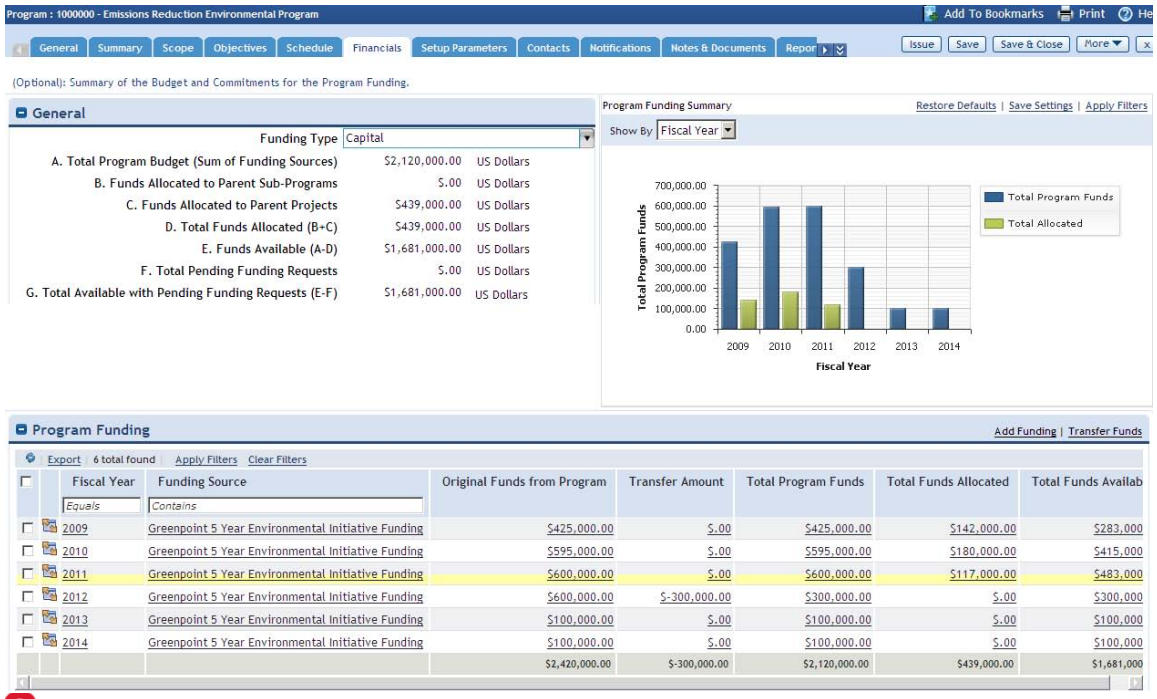
- Funding analysis helps prioritize requests
- Embedded project metrics provide visibility into funding surpluses and bottlenecks

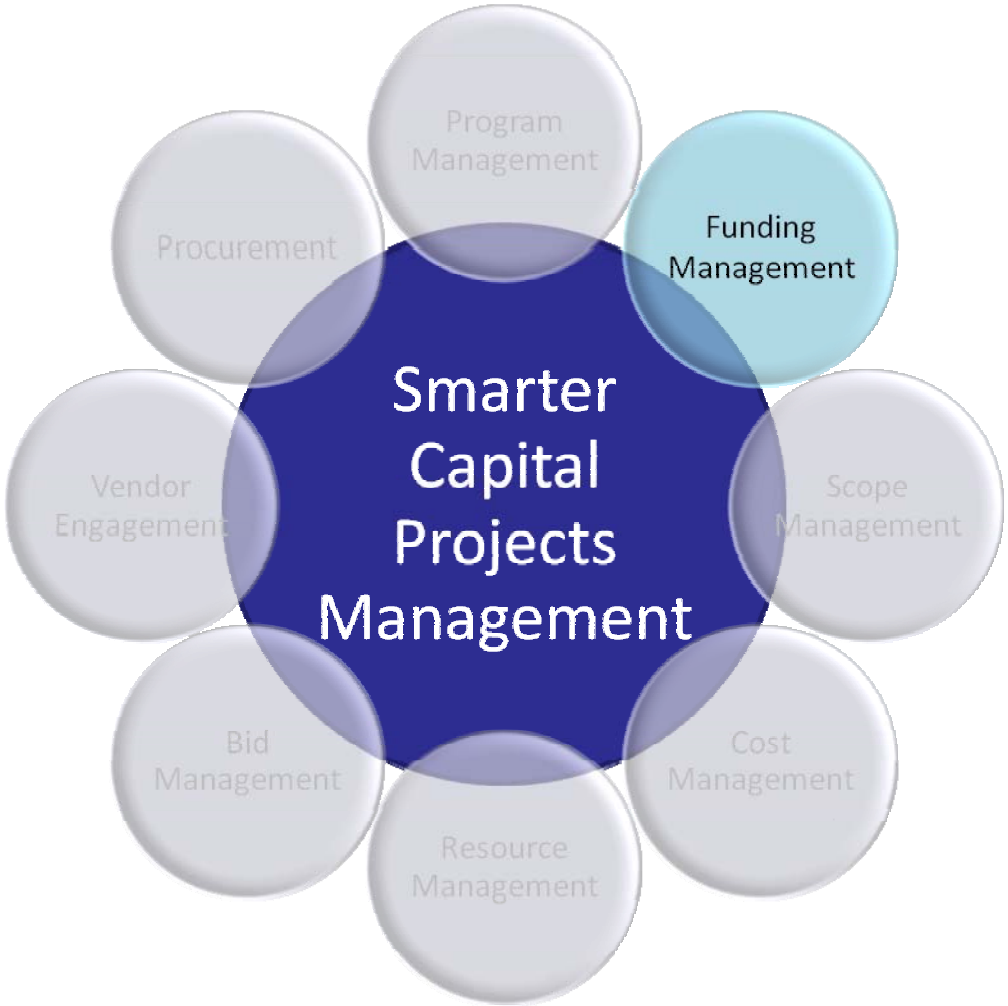
California Administration Office of Courts improves states wide program and funds tracking

California AOC improved program funding with automated fund requests and advanced opportunity analysis. Each fund request goes through a complete analysis on its impact on program goals and environmental initiatives.

Program Management streamlines operational, financial, and environmental improvements

Establish Funding Sources → Create Programs → Analyze Funding Requests → Approve Projects → Allocate Funds → Manage Allocations and/or Reallocate

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Funding Requests quantify costs and benefits to increase accuracy of project planning

Business Challenge

- Collect customer requirements
- Match requirements to current programs and funding

Key TRIRIGA Features

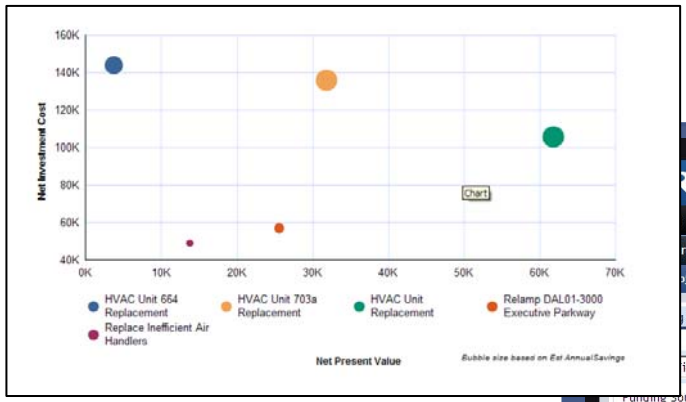
- Funding requests approval workflow
- Online opportunity analysis

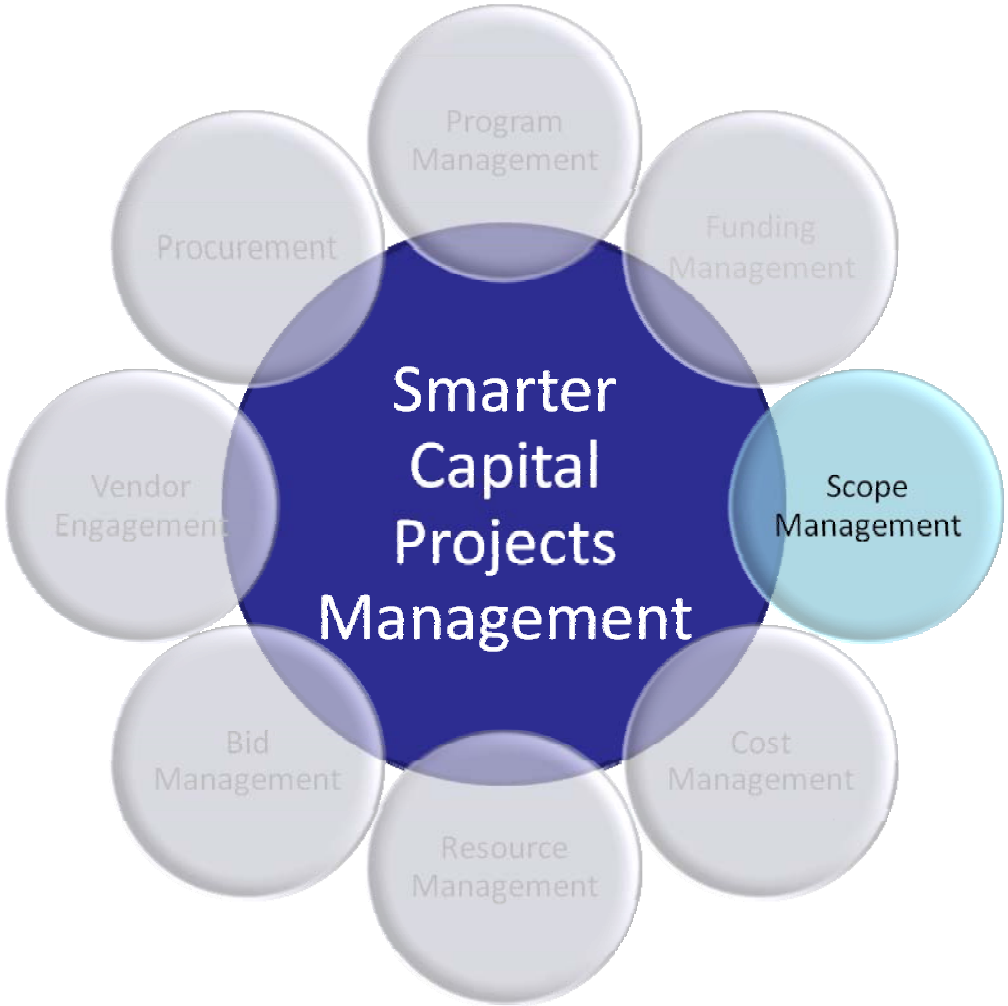
Deloitte automates project request process

Deloitte uses an extensive process for requesting projects before approvals. Their TRIRIGA project request process allows their Managers to determine scope and expense at a very low level before the Project can be initiated. This allows them to line up the third party resources earlier and allows the third party resources to better plan their resources.

Funding Requests quantify costs and benefits to increase accuracy of project planning

Identify Need → Analyze → Align → Plan → Manage → Review

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Critical-path schedules focuses resources to deliver programs and projects on-time

Business Challenge

- 54% Finish Behind Schedule
- Finish projects on time consistently by responding to potential delays early

Key TRIRIGA Features

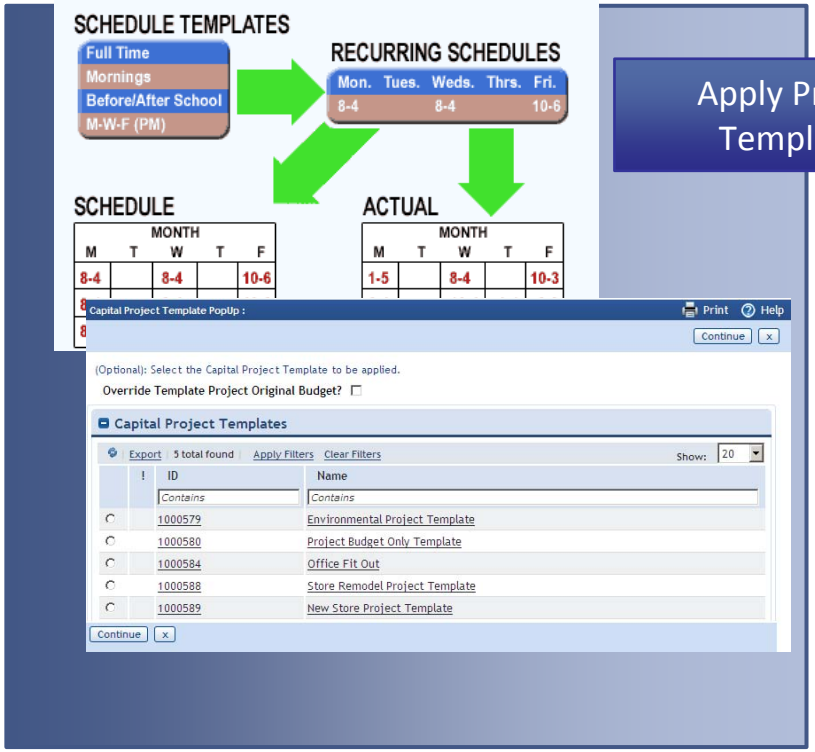
- Critical path dependencies predict downstream impact of upstream schedule changes
- Templates increase compliance with best practices

Starbucks increases store revenues by opening stores fasters

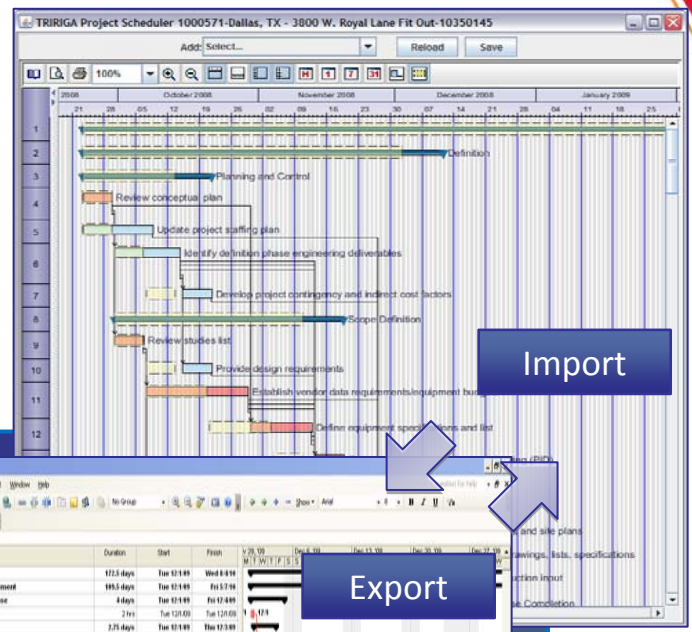
The Starbuck's Store Delivery team recognized their impact on store revenue by focusing on shortening the timelines from site selection to first cup of coffee. Leveraging TRIRIGA's template based critical path scheduling and automated task assignments, they were able to shorten projects schedules by weeks.

Critical-path schedules focuses resources to deliver programs and projects on-time

Demo

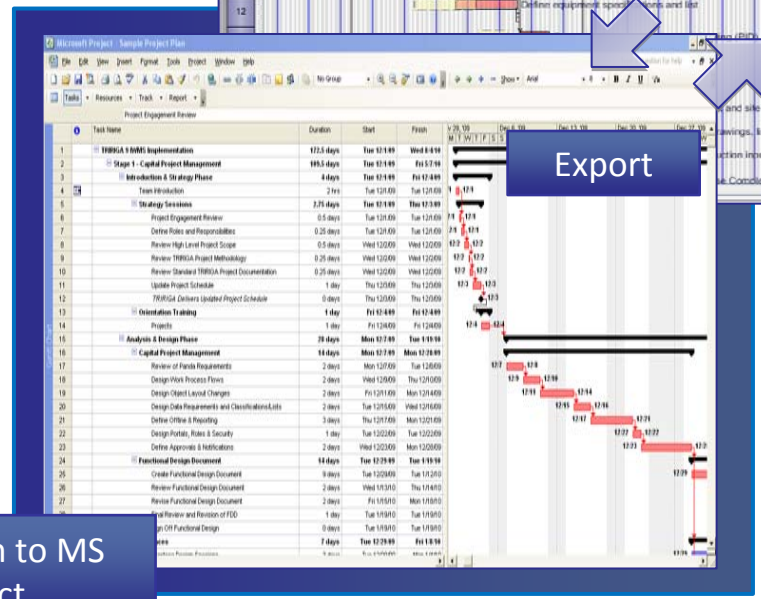


Apply Project Templates

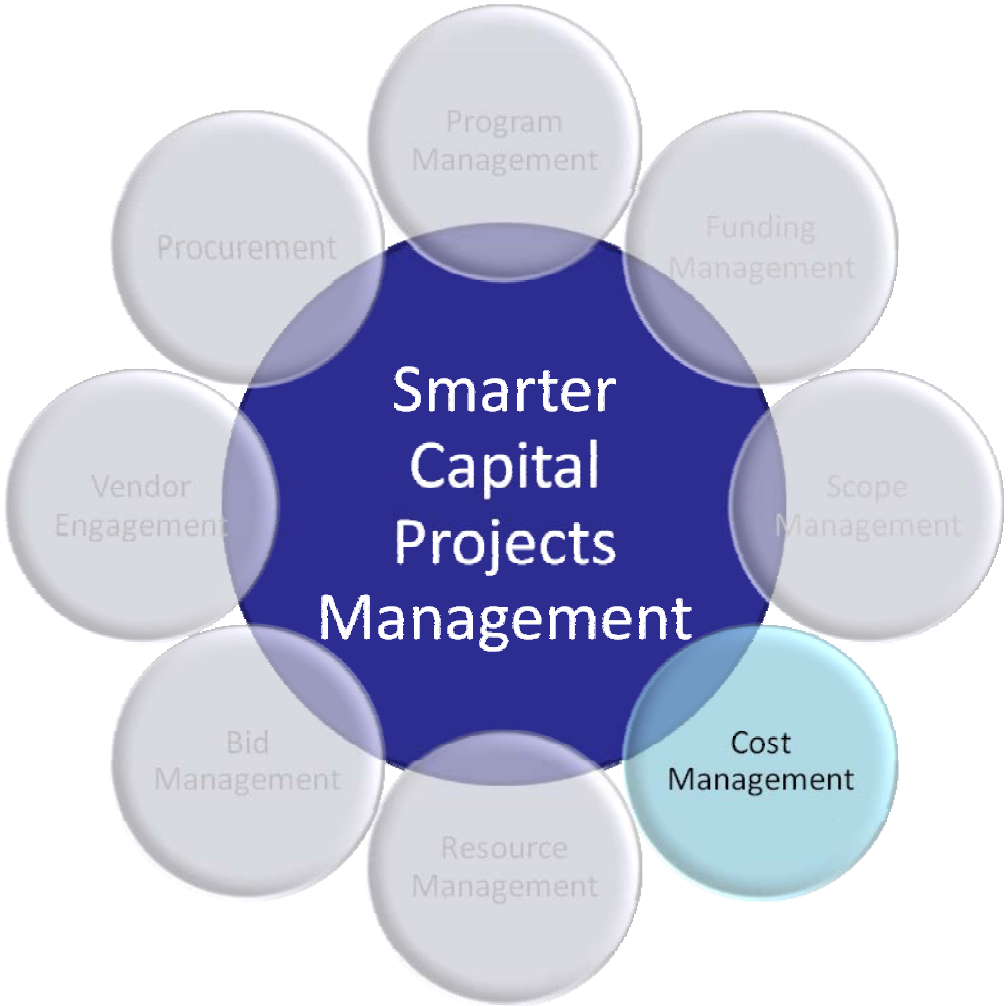


Import

Export



Integration to MS Project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Improve budget processing with automated approvals and on-line/offline data collection

Business Challenge

- Creating accurate budgets
- Manage plan, commitments, commitment changes and actual

Key TRIRIGA Features

- Detailed line item budgets
- Transaction based updates to commitments and actual
- Integration to ERP

OPUS improves budget process and accuracy with TRIRIGA offline forms

Leveraging TRIRIGA Offline, OPUS created budget forms in excel that the project manager can use to create their budgets. This offline process allows the PM to collect accurate data at the site and submit it back to the system via email to get approved.

Improve budget processing with automated approvals and on-line/offline data collection

Demo

Project Budget Tracking

Budget

- Original Budget
- Pending Change Orders

- Budget Templates
- Completed Projects
- Budget Changes
- Budget Transfers
- Proposals

Commitments

- Original Commit-ments
- Current Commit-ments
- Funding Amount

- Contracts
- Purchase Orders
- Change Orders
- Funding Allocations

Incurred

- Invoice Amount
- Actual
- Paid

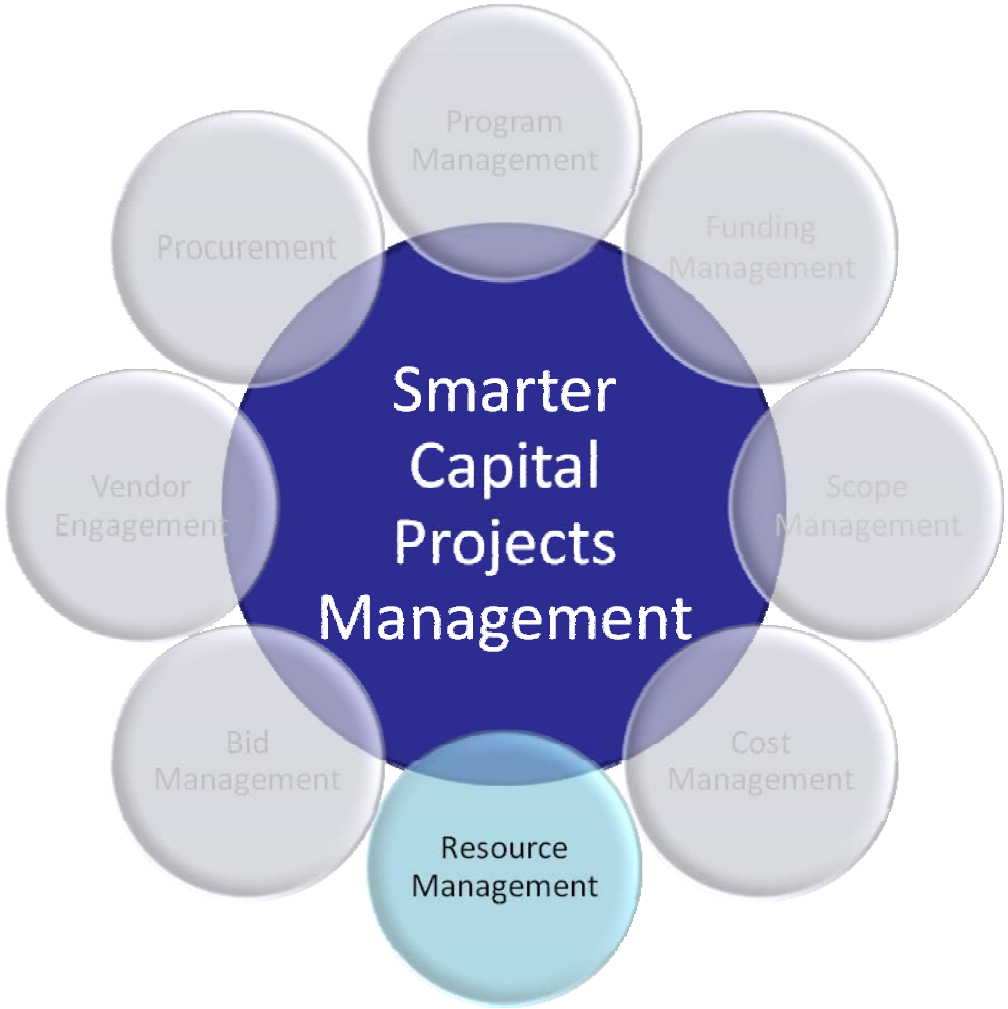
- Contact Invoices
- PO Invoices
- Payments

Forecasting

- Forecast to Complete
- Budget Variance

- Potential Change Orders

Draft → Review, Revise, Submit → Approve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Effective resource management maximizes personnel utilization

Business Challenge

- Streamline matching of tasks with resources
- Report on resource workload

Key TRIRIGA Features

- Automated role based assignment quickly communicates new assignments to resources
- Resource workload reports help mitigate conflicts and bottlenecks

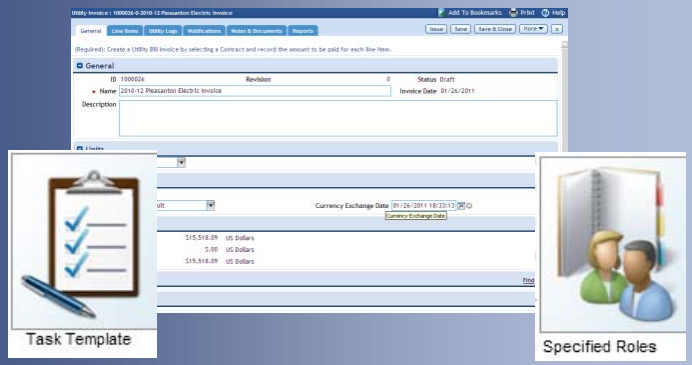
UC Irvine reduces task notifications from days to instant access

By leveraging TRIRIGA Templates and automated task assignments, UC Irvine improved service delivery. Project task assignments that took from 1-3 days to process are now done instantaneously.

Effective resource management maximizes personnel utilization

Demo

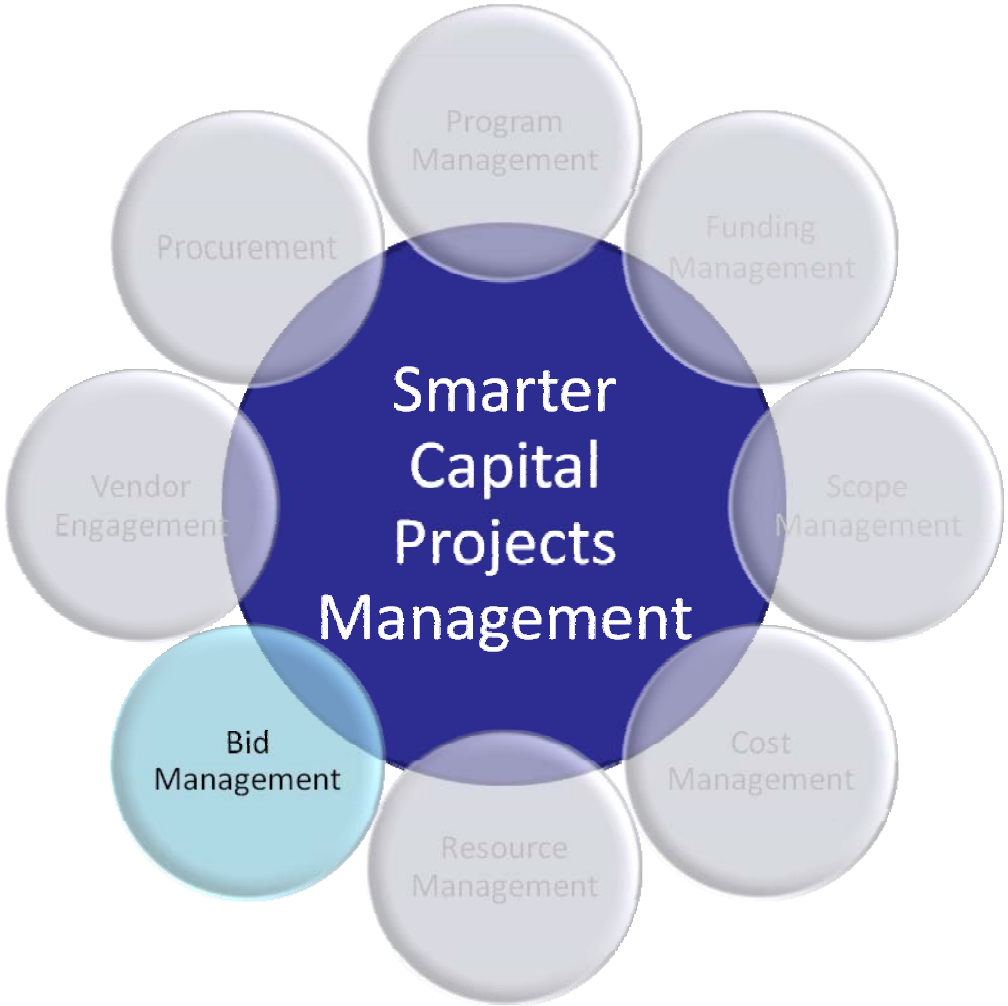
Task template specifies role



System looks up role in the project contacts and assigns each task to an individual

Notification of new assignment sent via email and TRIRIGA Portal

Reports and Graphs measure resource workload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Automated bid responses eliminate data entry, improves quality and shortens project timeline

Business Challenge

- Communicate efficiently with vendors
- Compare and award proposals
- Efficiently generate contract data

Key TRIRIGA Features

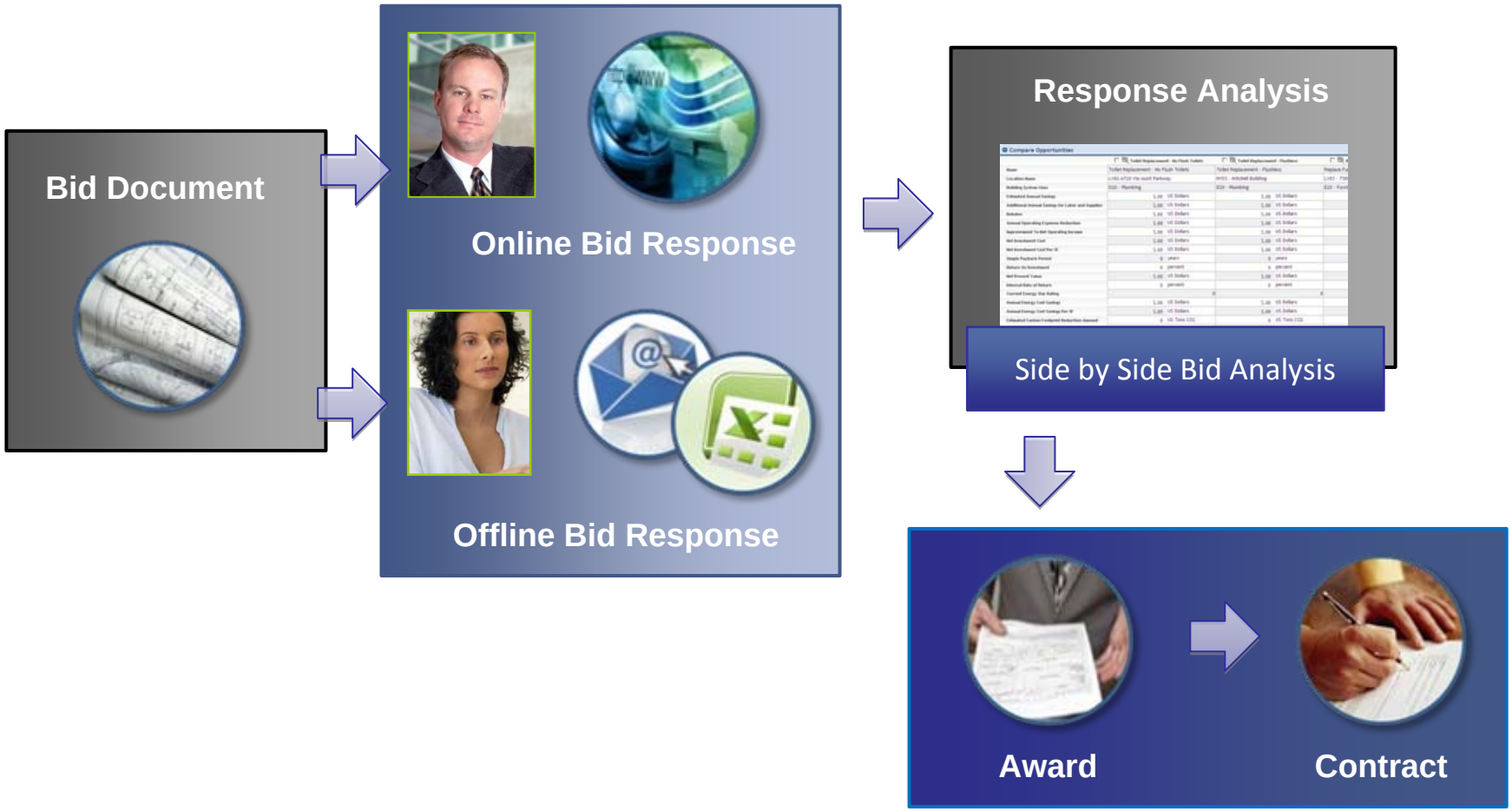
- Online vendor portals and offline forms facilitate electronic interaction
- Vendor performance metrics

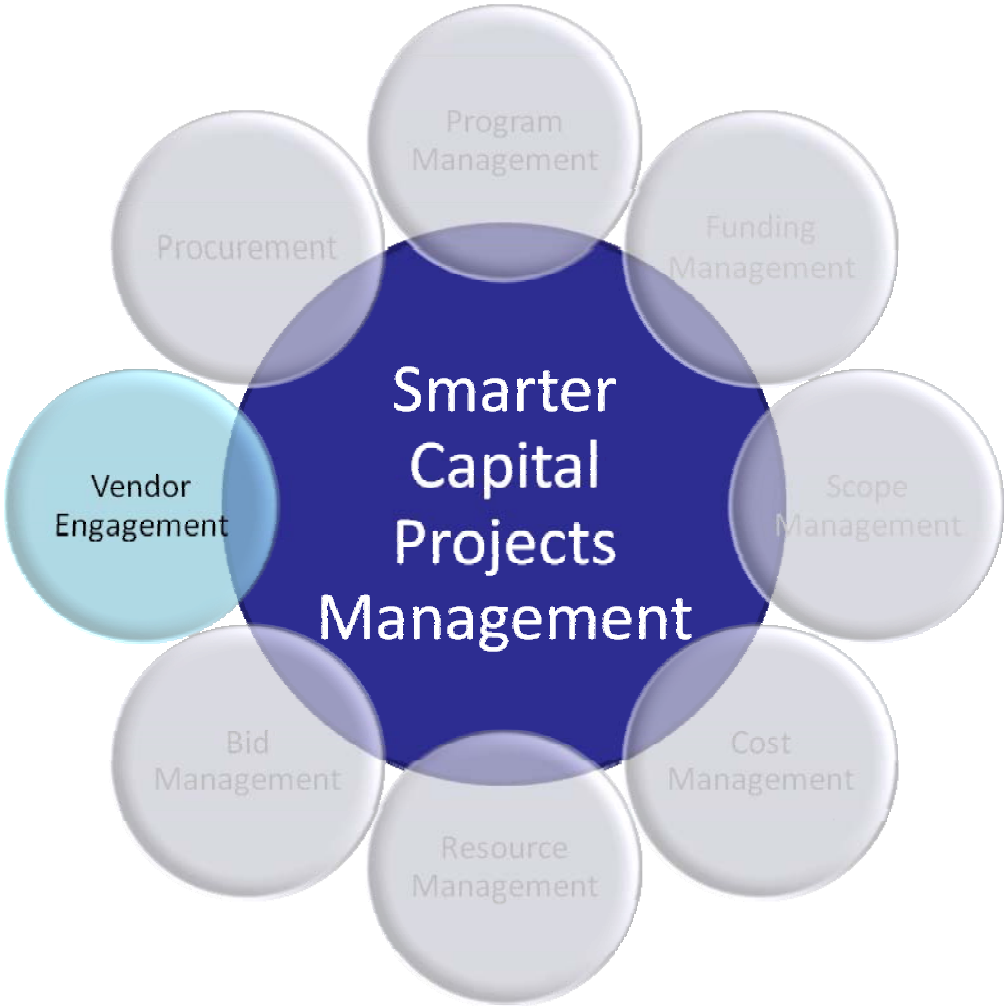
Canadian Tire reduces store construction schedule by 8% allowing stores to open sooner and generate revenue

Canadian Tire utilizes the TRIRIGA Offline feature for vendors to submit bids. This shortens their cycles by days. Automated this process alone salved days off their store construction schedule, turning the store into a revenue producer sooner.

Automated bid responses eliminate data entry, improves quality and shortens project timeline

Demo

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Vendor management controls increase contract compliance to reduce costly schedule delays

Business Challenge

- Manage contract fulfillment, billing and payment
- Manage vendor performance

Key TRIRIGA Features

- Online invoicing and retention
- Vendor performance metrics

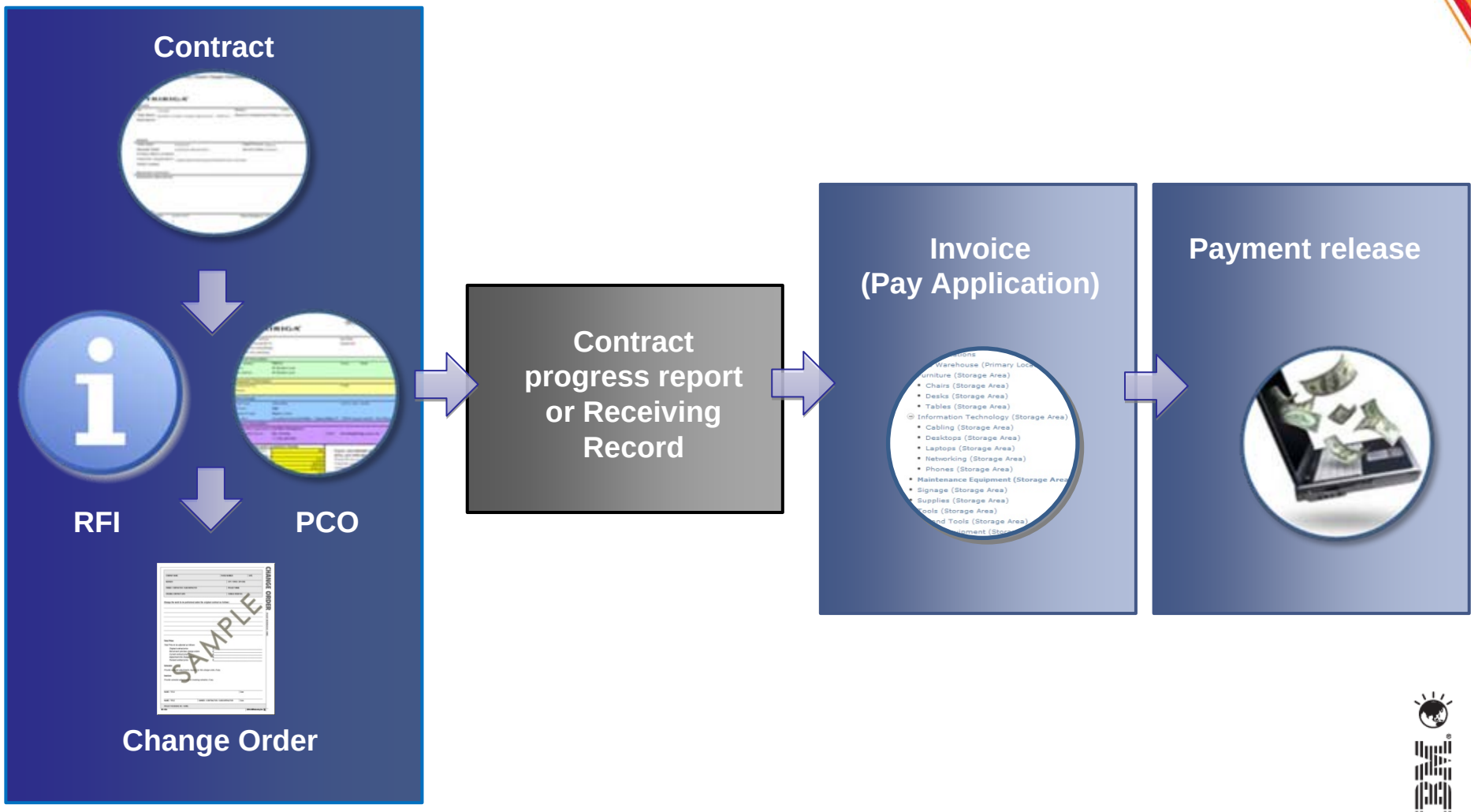
Ontario Realty Corporation

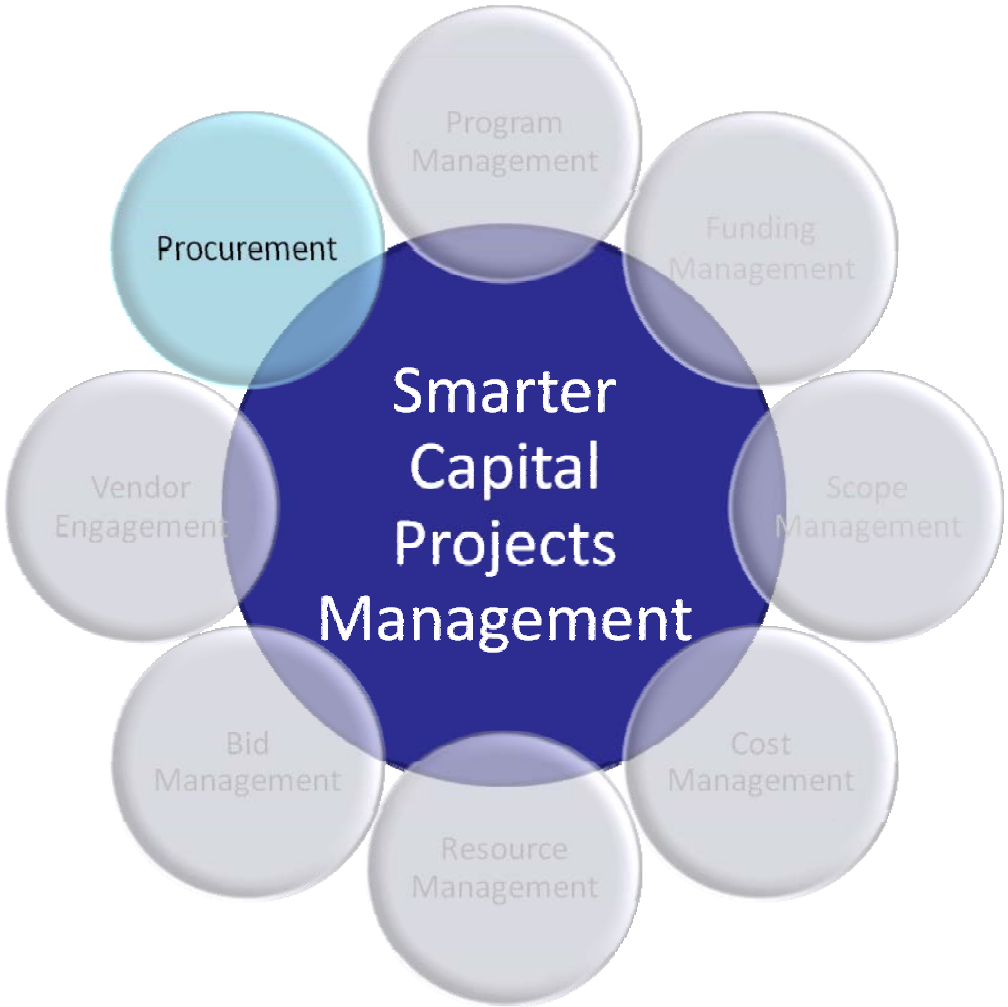
Ontario Realty Corporation leverages over 20 off-line forms for vendor project updates

Ontario Realty Corporation utilizes over 20 TRIRIGA Off-Line (excel) forms that their vendors use in continually updating their project Management activities provided on an outsourced basis for the ORC

Vendor management controls increase contract compliance to reduce costly schedule delays

Demo

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Managing the full procurement life-cycle helps eliminate errors and insures proper accounting

Business Challenge

- Keep control of orders from proposal, contract, receiving, invoice and payment.

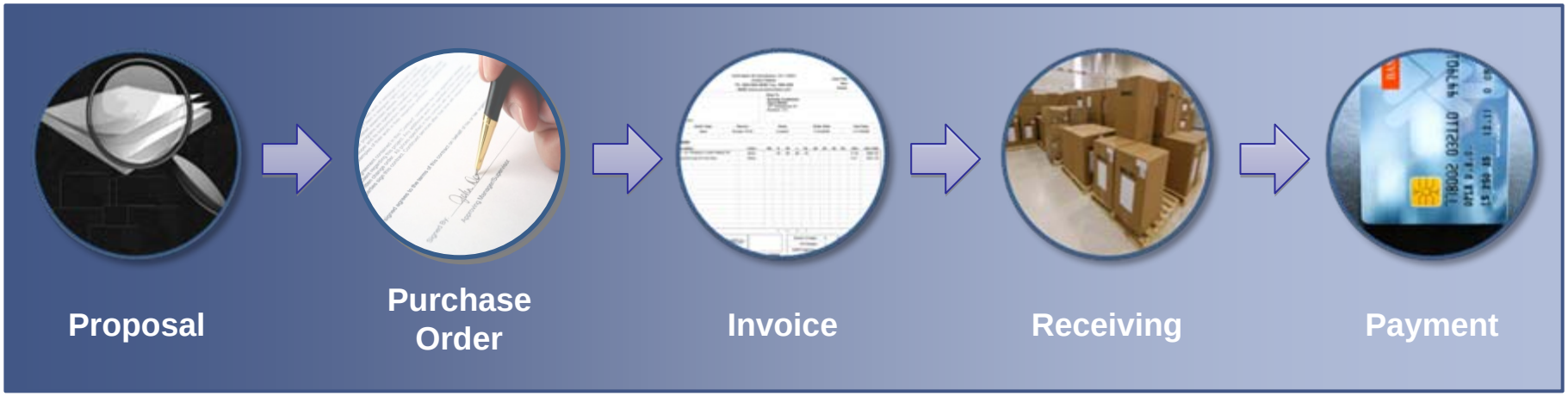
Key TRIRIGA Features

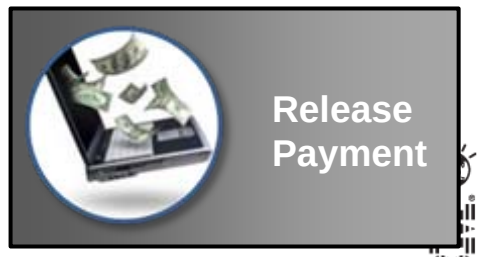
- Embedded contract and change order controls reduce risk of project schedule overruns

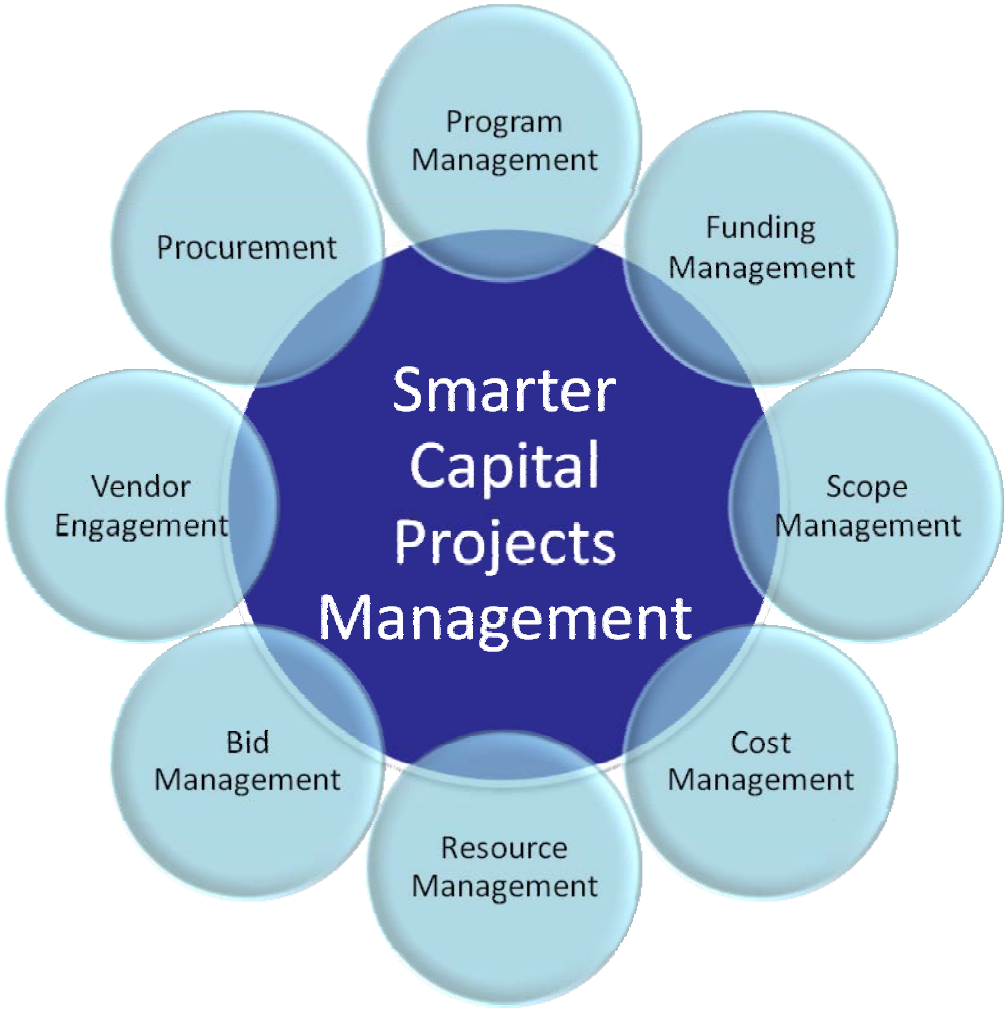
Grainger maximizes inventory delivery efficiencies

Grainger manages inventory of parts very carefully in their distribution centers. By using TRIRIGA to track inventory, process orders, and track inventory receipts, they are able to maximize the efficiency of inventory delivery, and be aware of inventory discrepancies that could indicate inappropriate use of inventory.

Managing the full procurement life-cycle helps eliminate errors and insures proper accounting



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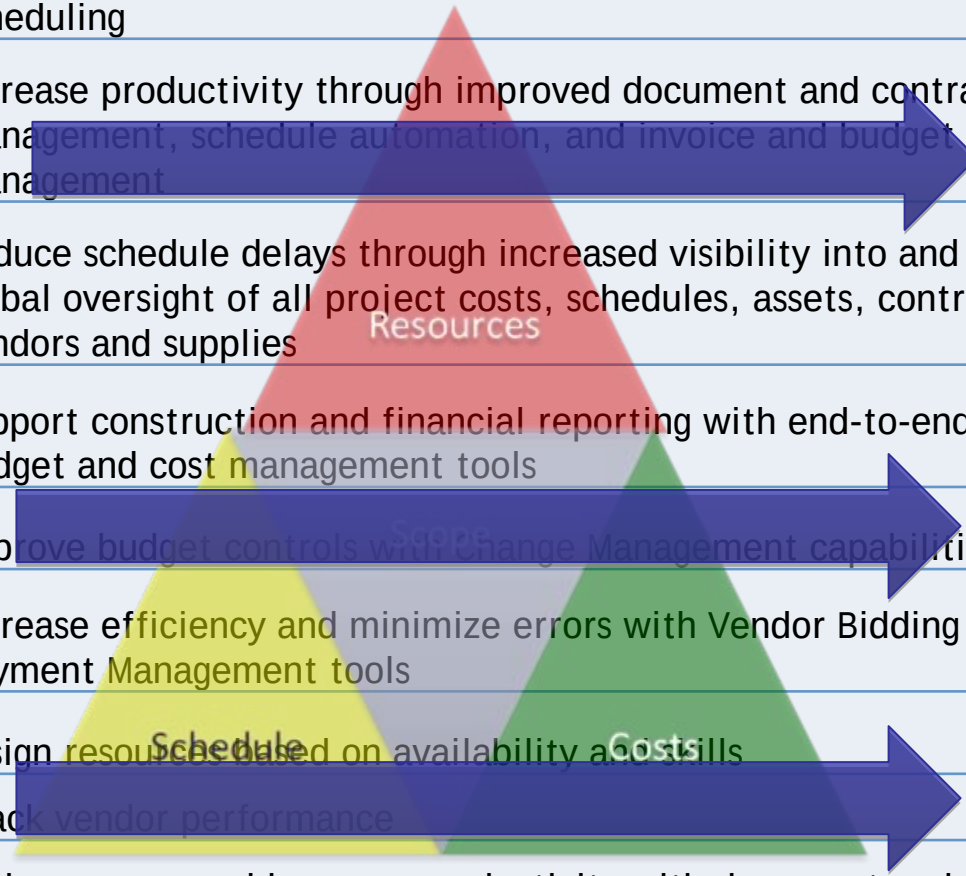
TRIRIGA Capital Projects….. The net benefits

Complete Projects on Time	Use schedule and task management tools and critical path scheduling Increase productivity through improved document and contract management, schedule automation, and invoice and budget management Reduce schedule delays through increased visibility into and global oversight of all project costs, schedules, assets, contracts, vendors and supplies	**Decrease project cycle time by 5-10%**
Reduce Construction Costs	Support construction and financial reporting with end-to-end budget and cost management tools Improve budget controls with Change Management capabilities Increase efficiency and minimize errors with Vendor Bidding and Payment Management tools	**Reduce construction costs by 3 – 5%**
Streamline Resource Management	Assign resources based on availability and skills Track vendor performance Reduce errors and increase productivity with document and contract management tools	**Decrease labor costs by 4 – 8%**



So if you don't want your next project to look like this….

Or this……

Or Face this…….

Or do this……

We need to have a talk about what IBM TRIRIGA can do for you!

Thanks

Q&A

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