The Institute for Process Excellence
Reshaping Legacy Business Processes and Systems through Business and Digital Transformation

Your journey for Operational Excellence starts here.
IMAGINE THE POSSIBILITIES

The backbone of the fourth industrial revolution consists of a proper network with people, processes and enabling tools cohesively communicating within an integrated enterprise. In order to achieve successful transformation in the landscape of tomorrow, businesses must improve their culture and reshape legacy business processes and systems.

The mission of IpX is to help clients plan and achieve their transformation strategy, improve their core business operating model, embrace the digital wave, maximize efficiency, and implement sustainable growth initiatives. Our network of service professionals provide a full suite of solution services and industry experience that solve the issues affecting global businesses.

“IMPROVED SOFTWARE TOOLS ARE NOT SOLUTIONS FOR BROKEN PROCESSES. THEY’RE JUST BAND-AIDS...”

ALL INFORMATION THAT COULD IMPACT THE ECOSYSTEM OF THE COMPANY MUST BE PROPERLY MANAGED
Each enterprise should evaluate current business transformation initiatives to determine if the emphasis should be shifted.

The CM2 Enterprise Decision Tree and CM2 Capability Assessment provide each enterprise the tools needed to determine the potential and strategy for improvement.
WHO WE ARE

We are best known for our industry changing CM2 model. We have adapted and grown as technology has advanced into the industry standard CM2 certification, operational excellence training, and business transformation services.

CM2 is a business methodology designed to accommodate change and keep requirements clear, concise and valid — a prerequisite for achieving enterprise operational excellence.

We provide worldwide operational excellence CM2 certifications, business optimization training, and enterprise transformation services.

Our staff and partner network span the globe. We take pride in helping over 1800 companies improve and transform.

The Institute for Process Excellence
THE DIGITAL THREAD IS THE CM2 BASELINE...
5 Phases of the Product Lifecycle

Depending on the enterprise, a deliverable goes through five lifecycle phases.

The concept phase is the first phase and where ideation occurs.

The second phase creates the design basis for the conceptualized deliverable and extends it into detailed designs and processes.

The third phase creates the physical manifestation of the deliverable and turns it over to the owner/operator.

The fourth phase is where the deliverable serves its intended purpose and is maintained and/or modified while in service.

The fifth and final phase is where the deliverable is removed from service and dismantling and recycling activities occur.
Effective communications within and between the various functional activities is a major challenge.

Ability to communicate formally and efficiently are prerequisites for achieving growth and maintaining a high level of efficiency.

Communications regarding product requirements are achieved through released datasets, objects, forms, records and metadata.

All phases of the product lifecycle also communicate via released datasets, forms, records and metadata.

It is important that all parties understand the terminologies used in configuration management.
UNTANGLING THE CHAOS OF AN ORGANIZATION

Effectively managing information, resources, communication, and processes across the enterprise
Defects do not need to be an accepted norm...Companies have sunk millions into the "new" digital wave, yet they are still releasing products with issues.

In order to achieve successful transformation and reduce complexity, businesses must improve their culture and reshape legacy business processes and systems.

“We tried sweeping it all under the rug, but the office is all tiled.”
Core business processes represent the major organizational activities or functions used to perform work and conduct business.

Some segregate core processes from support processes and categorize CM as a support process or as a discipline.

It is common for each core process and support process to have an individual plan for their specific activities.

Those plans will typically have specific requirements that are in conflict with each other or are redundant.

These instances of conflict or redundancy will have a negative impact on the operational efficiency of an enterprise.
“We cannot solve our problems with the same thinking we used when we created them.”
The business process infrastructure must be properly aligned to effectively integrate and harmonize the organization.

Everything extends outward from the Strategic Business Plan. It is the design basis for the enterprise.

The process infrastructure is comprised of the Strategic Business Plan and core processes 1.0 through 8.0 (the 3 inner circles).

It is this infrastructure that provides the ability to accommodate change and keep all requirements clear, concise and valid.

Core business processes 1.0 through 7.0 reside in the enterprise-wide domain of CM2.
Enabling Enterprise Capabilities

The key to a CM2 enabled enterprise is the creation of the business process infrastructure.

The operation of every core business process will be positively influenced by the application of CM2 at the enterprise level.

Planning and execution activities will be improved at the project, program, and core business process levels.

Validation of all requirements and verification of conforming results for all work accomplished will be byproducts of the processes.

The application of the business process infrastructure is a prerequisite for achieving enterprise operational excellence.

<table>
<thead>
<tr>
<th>Planning and Validation</th>
<th>CM2 Business Process Infrastructure</th>
<th>Execution and Verification</th>
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</thead>
<tbody>
<tr>
<td>Program &amp; Project Management</td>
<td>1.0 CM2 Baselines</td>
<td>Quality Assurance</td>
</tr>
<tr>
<td>Asset &amp; Risk Management</td>
<td>2.0 4-Tier, 9-Step Development Process</td>
<td>Process Oversight &amp; Audits</td>
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<tr>
<td>Export Controls &amp; Security</td>
<td>3.0 Naming, Numbering, &amp; Reuse</td>
<td>Regulatory Governance</td>
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<td></td>
<td>4.0 Data and Record Integrity</td>
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<td>5.0 Validation and Release Records</td>
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<td>6.0 Changes and Revision Records</td>
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<td>7.0 As-Built Records</td>
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<td>8.0 Information Systems</td>
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Managing Information with the CM2 Baseline

A CM2 baseline contains all primary items and datasets that must be maintained.

To manage development effectively is to manage a variety of interdependent information sets effectively.

The development process must be able to accommodate change and keep all information sets synchronized.
A common sense enterprise approach to the “new” digital revolution has the potential to open new markets and allow companies the ability to utilize information in new ways.

Collecting the data is not enough – you must be able to do something with it.

Collected – Connected – Stored – Analyzed - Utilized
The CM2 baseline allows for proper management of the digital thread and is enabled by the CM2 closed-loop change process.

Consistently conforming results will be the norm if the baseline information being applied is clear, concise and valid.

Intermittent failures and a high rate of corrective action will be the norm if the baseline information is inadequate.

There will also be an excessive use of deviations and/or waivers to accept products that have nonconforming conditions.

A fast and efficient change process is a prerequisite for escaping the corrective action mode.
COMMON SENSE
DIGITAL TRANSFORMATION

Plan your enterprise baseline before you start the journey
IpX is partnering with businesses and enabling software providers to ensure that their “off the shelf” product is truly ready for enterprise adoption.

Tool design specifications that will reduce business user adoption concerns, change and development cycle times, configuration and customization costs, design defects, and overall project schedules.
The true impact of Industry 4.0

People  Processes  Systems  Data

Potential does not equal results
To tap the power of the Digital Thread and to facilitate a true Digital Twin, all facets of the organization and all lifecycle phases are reliant upon the Enterprise Configuration Management (ECM) process.
Digital transformation – applies to both products themselves as well as processes for designing, selling, manufacturing, delivering, and servicing.

- Accelerated product lifecycles.
- Customer-driven innovation.
- Increased product complexity due to technology innovation.
- Convergence of product and service models.

Advanced configurators that manage complex algorithms and applications interlinking millions of things that are harmonized across the entire value chain.
“WHAT HAPPENS TO QUALITY IF AN ENTERPRISE CONFIGURES ITS BUSINESS AND DIGITAL TRANSFORMATION INCORRECTLY?”
WORLD CLASS TRAINING

We teach the industry standard in CM training known as CM2 certification as well as business and digital transformation courses.
CM2 Certificate Courses for Achieving Operational Excellence

Course 01: Foundation of Operational Excellence
Course 02: Requirements and the CM2 Baseline
Course 03: Fundamentals of Change Management
Course 04: The CM2 Change Process
Course 05: Optimizing the Digital Thread
Course 06: Achieving Enterprise CM2 Implementation
Course 07: Executing the Digital Thread and Twin
Course 08: Enabling Digital Transformation
Course 09: Application Workshops for Achieving Operational Excellence
Course 10: Operational Excellence Overview
Course 12: Tailored CM2 Business Application
Course 13: Optimizing the Software Lifecycle with CM2
Course 15: Operational Excellence Bootcamp
Course 16: Refresher Seminar for CM2 Graduates

 ENTERPRISE CONFIGURATION MANAGEMENT Courses 01 - 04
 CM2-COMPREHENSIVE Courses 01 - 06
 CM2-PROFESSIONAL Courses 01- 09
Increasing the performance of your organization with requirements that are clear, concise, and valid
COURSE 01: FOUNDATION OF OPERATIONAL EXCELLENCE

How an organization identifies, structures, links and assigns ownership to its requirements and internal processes directly affects its ability to successfully and efficiently perform the intended mission or achieve its business objectives.

If this activity is ignored or done incorrectly, an organization pays severe penalties in the form of intervention resource expenditure. Those expenditures are the unplanned time, money, and resources expended to compensate for quality and schedule problems.

When quality and schedule problems dominate the energy an organization expends on a daily basis, corrective action becomes the standard “way of working.” Changing that environment requires an understanding of how current processes relate to best practices and the culture change that is needed to make the transition.

This course presents a structured and effective methodology for documenting, validating, releasing, and changing requirements. In addition to, it provides methods for reducing intervention resource costs. It addresses the process enhancements that an organization must make in order to accommodate change and keep all requirements clear, concise, and valid.

COURSE 02: FUNDAMENTALS OF REQUIREMENTS AND THE CM2 BASELINE

Requirements management is the foundation for the Digital Thread. Organizations struggle with the ability to define and maintain the digital architecture needed to support Software, Hardware, Systems, Facilities and Infrastructure throughout the entire lifecycle. The inability to effectively manage the Digital Thread creates a high level of corrective action in every phase of the lifecycle.

Configuration management is the major backbone of requirements management, and requirements management is a major building block in the creation and management of the Digital Thread. Understanding that relationship is imperative when defining the future mode of operating.

This course establishes the roadmap that facilitates an organization’s ability to create a world-class enterprise Digital Thread. This is achieved through the application of a set of proven principles and techniques. When properly applied, this improved business model enhances the development, structuring, and managing of requirements throughout the enterprise.

This course focuses on the foundational elements of requirements management including the structuring and ownership of all product, solution, and business requirements. It will detail the first steps in the creation of the Digital Thread - the concept and development phases of any project.

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COURSE 03: FUNDAMENTALS OF CHANGE MANAGEMENT

Organizations continually struggle to define a fast and efficient change management process. Many organizations have changed or replaced their change process multiple times without understanding the dynamics of change or the building blocks needed to facilitate change management.

Struggles with item re-identification decisions and the required level of visibility of changes directly impact the ability to develop and maintain the digital twin. The management of change includes understanding its impact throughout the entire organization and the total product/solution lifecycle.

This course introduces a closed-loop change process and identifies several enabling building blocks that reside outside the scope of the change process. The concept of Enterprise Configuration Management (ECM) is dependent upon those building blocks. It also provides a decision tree that defines the proper rules for managing re-identification and ensuring full visibility of the digital twin.

This course also addresses the cultural changes that must be understood and implemented to facilitate the needed improvements in the change process. The end goal is to always present the organization with requirements that are clear, concise and valid. That can only be achieved by a fast and efficient process that accommodates change.

COURSE 04: THE CM2 CHANGE PROCESS

The inability of an organization to successfully manage the digital thread ties directly back to their inability to effectively manage change. Most organizations have subject matter experts (SMEs) identified for each key discipline, but rarely do organizations have a SME focused on the management of change.

This course will address the importance of Enterprise Configuration Management (ECM) and introduce the roles, responsibilities and workflows required for a world-class organization to efficiently manage change. Thereby ensuring that the digital thread remains intact throughout the entire lifecycle of the product/solution, and that the digital twin is accurate.

This course introduces the power and efficiency of the CM2 closed-loop and fast-track change processes. Those processes are dependent on the building blocks and enabing principles defined in Course 01 through Course 03.

Once the methodology defined in this course is implemented, an organization’s view and perspective of their change management process will shift from it being a “necessary evil” to it being a true competitive advantage.

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THE CM2 FAST-TRACK CHANGE MODEL

How to effectively manage enterprise changes
Change Categories and Fast-Track Option

Changes represent every degree of complexity and varying degrees of urgency and risk. Changes must be categorized and routed accordingly within the enterprise.

The majority of changes (75% to 85%) are relatively simple and low risk.

Enterprise Change Assessments (ECA) and change board functions for low-risk changes should be accomplished by individuals, not formal boards.

<table>
<thead>
<tr>
<th>Change Type</th>
<th>Change Volume</th>
<th>Risk Level</th>
<th>Business Decision</th>
<th>Plan and Implement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fast-Track</td>
<td>75% – 85%</td>
<td>Low Risk</td>
<td>Creator &amp; Users</td>
<td>Creator &amp; Users</td>
</tr>
<tr>
<td>Full-Track</td>
<td>15% – 25%</td>
<td>High Risk</td>
<td>CRB</td>
<td>CIB</td>
</tr>
</tbody>
</table>
COURSE 05: OPTIMIZING THE DIGITAL THREAD

All organizations struggle with the ability to manage information accurately for the enterprise or throughout the product/solution lifecycle. This failure creates a high level of intervention resource expenditure and an inability to track fielded configurations. This drives significant warranty, recall, and concession costs that can have devastating impacts on the business.

To tap the power of the Digital Thread and to facilitate a true Digital Twin, all facets of the organization and all lifecycle phases are reliant upon the Enterprise Configuration Management (ECM) process. Activities driven through the Digital Thread impact the Digital Twin with a constant barrage of changes making the ability to manage the Digital Twin that much more complex.

This course introduces critical additions to the process flows and roles previously defined in the ECM process. These additions are critical to the management of the Digital Thread and visibility of the Digital Twin in the operation and maintenance lifecycle phase.

This course also identifies the differences and challenges associated with managing the Digital Twin as it progresses through each of the lifecycle phases. The role of ECM in the management of the supply chain is also shown to be critical to managing the digital thread.

COURSE 06: ACHIEVING ENTERPRISE CM2 IMPLEMENTATION

Organizations continue to be disappointed with the results of efforts to implement improvements to legacy PDM, PLM, and/or ERP systems. Even when opportunities for specific improvements are identified, they struggle with the ability to achieve successful implementation. These improvement projects are oftentimes reduced in scope and still experience cost overruns and missed schedules.

The negative experiences described above are also realized when an organization launches a process reengineering project. These common failures are not the problem. They are simply symptoms of an underlying bigger issue, an inability to properly manage and implement changes.

This course provides the path to achieving Enterprise Configuration Management (ECM), the enabling process needed to improve an organization’s tools and other core business processes. It includes a step-by-step simulation for establishing the proper foundation to successfully implement any identified tool or process improvement opportunity.

This course also shows how to evaluate the strengths and weaknesses of current business practices, where to focus attention, how to develop a transition plan, and how to manage and ensure that the project meets its stated goals and yields the intended results.

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COURSE 07: EXECUTING THE DIGITAL THREAD AND TWIN

The number of organizations that have achieved Integrated Process Excellence is smaller than it should be. This is because most organizations continue to use configuration management (CM) in a limited role, only applying it to design information. Those organizations process a high volume of deviations and waivers, use redlines, and assume “firefighting” is normal business practice.

In order to achieve Integrated Process Excellence an organization must break the many paradigms generally associated with CM’s limited role. The phased transition from that limited approach to CM2 is a major culture change that must be carefully planned and managed.

The foundation of that new culture is the ability to change faster and document better. The application of that ability is extended beyond design information to include all requirements for the enterprise, and the enterprise deliverables throughout all of the lifecycle phases. Keeping all of those requirements clear, concise, and valid at all times is the goal - a very achievable goal.

This course introduces a 2-phase approach to be used for creating the foundation to enhance the efficiency of each core business process. It will identify the key elements that must be in place reaffirming that the proper approach is to define the process first, then select the enabling tool.

COURSE 08: ENABLING DIGITAL TRANSFORMATION

Product Lifecycle Management (PLM) tools excel in two major areas: managing documented product requirements and managing change process workflows — areas that Enterprise Resource Planning (ERP) tools historically have not addressed. PLM tools should be able to provide the functionality needed to support as-planned/as-released baselines and the closed-loop change process.

How to maintain the Digital Thread from the baseline to the planning bill, then from the planning bill to the order bill, and finally from the order bill to the actual as-built record is a major challenge. Knowing which requirements, at which revision level, to use at any point in time is another.

This course will describe how planning bills and order bills are created and maintained within the PLM, ERP, Application Lifecycle Management (ALM), and Configuration Lifecycle Management (CLM) tools. It will describe how to use work authorizations to close the loop on order bills and ensure that the correct documents are utilized. It will describe the CM2 approach for managing and leveraging metadata and how to optimize reuse.

This course will establish a detailed process for defining the core elements that must be present in a successful tool implementation. It describes standard CM2-600 Enabling Tool Pre-Assessment Guide for assessing and certifying the ability of enabling tools to support the CM2 model.

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UNTANGLING THE CHAOS OF AN ORGANIZATION

Effectively managing information, resources, communication, and processes across the enterprise
COURSE 09: APPLICATION WORKSHOPS FOR ACHIEVING OPERATIONAL EXCELLENCE

This hands-on course focuses on shifting the paradigms that are most important and also the most challenging to those implementing CM2. Course participants will perform a variety of roles and by the end of the third day they will have performed all facets of the CM2 process.

As upper management, they will review an enterprise baseline and validate its content, format, naming and numbering conventions.

As core business process owners, they will create enterprise operating standards and procedures and populate the enterprise baseline.

As cross-functional development team members, they will develop a product, create its design basis, hierarchy, and populate its baseline.

As Change Review Board (CRB) members, they will make changes to the enterprise baseline and the product baselines. In support of supply chain specialists, they will ensure that change effectivities remain synchronized with build schedules.

As process specialists, they will transform complex work flows into closed-loop phases with each managed by a process specialist.

As part of 3-member creator/user teams, they will manage and execute individual administrative work flows and product work flows.

COURSE 10: OPERATIONAL EXCELLENCE

OVERVIEW

The root causes for quality, schedule, and cost problems reside in the domain of configuration management (CM).

With CM2, CM is given an enterprise-wide perspective.

This course will show how application of the CM2 principles can eliminate quality, schedule, and cost problems and how to transition from the corrective action mode to the continuous improvement mode.
COURSE 12: TAILORED CM2
BUSINESS APPLICATION

Configuration management (CM) process specialists should achieve CM2 certification at a level that supports their specific roles. Training requirements for different levels range from 8 to 19 days. This 4-day course is for engineers, buyers, supply chain specialists and so on who interface with the CM2 process and do not need certification.

Certification training encompasses all phases of implementation planning, transition, and application. This course focuses on application only. Each student completing this course receives a Certificate of Completion and is recognized as a "CM2 Application Specialist."

The content of this course includes key elements, principles, and building blocks of the CM2 Model which are extracted from courses CM2-01 through CM2-04. Although normally taught by the Institute for Process Excellence (IpX), this course may also be taught by a host instructor.

In those cases, the host instructor must have received the "Doctorate in CM2" designation from IpX and, prior to teaching any on-site CM2-12 courses, must have a teaching license agreement in effect with IpX.

COURSE 13: OPTIMIZING THE
SOFTWARE LIFECYCLE WITH CM2

This course describes how the CM2 model for configuration management (CM) can be applied to software. The challenge boils down to what an organization believes. Organizations either expect software code to come out right the first time, or they do not. Its process will be designed accordingly.

The CM2 model is designed to ensure that code comes out right the first time. This does not mean software development is not an iterative process. It is where the iterations take place that is most important. With CM2, the customer and the developer gain a good grasp of what the overall product is going to be at an early point in its lifecycle.

With CM2, the development effort is led by a cross-functional team whose members have the full range of needed expertise. The same members serve as the Change Review Board (CRB). Change decisions are made quickly and, if approved, implemented promptly.

CM2 is a waterfall model with spiraling at each level. It excels at ensuring that software design definition is clear, concise and valid. Source code is not written until the design to be achieved has been documented, validated and released by its co-owners.
“THIS ISN’T SILOED & ANTIQUATED CM; CM2 CONNECTS AND TRANSFORMS THE ENTERPRISE.”

PEOPLE. PROCESSES. TOOLS. DATA.
COURSE 15: OPERATIONAL EXCELLENCE
BOOTCAMP

Students are elated when an executive joins them in the courses required for certification, but time constraints are a major obstacle. Revision E of this course included a major revision to the format which enables its length to be reduced to 2 days.

The format was previously the same as used in the courses required for certification. This revised format is better suited for an executive audience. About half of the 166 pages are full-page graphics taken from the most powerful illustrations from all course materials. Each illustration is backed up by a page of key points.

This course is for executives and upper-level managers. It provides an in-depth review of the CM2 model for process improvement and enables each attendee to gain a better understanding of the strengths and weaknesses of their own processes.

After discussing the pros and cons of each key point with the other attendees, those who complete this course will know precisely what they need to do.

COURSE 16: REFRESHER SEMINAR FOR CM2 GRADS

The basis for CM2 and its underlying principles have not changed since the 6-course series leading to certification was introduced in 1986. The underlying theme remains the same: improve the ability to accommodate change and keep requirements clear, concise and valid.

There are over 10,000 CM2 grads in over 35 countries. Most were highly motivated to implement CM2 at the time they received their certification. In prior years, they were faced with two major challenges — weak management support and inadequate software tools.

Significant progress has been made in both areas. CM2 implementations have been increasingly successful. Presentations at the annual IpX ConX event in recent years have become almost exclusively success stories. Organizations that have the most CM2 grads along with strong executive support have had the most successful implementations.

Improvements to the CM2 model and implementation techniques have been continual. This update and refresher seminar serves to bring our CM2 grads up-to-date with the latest enhancements and reenergize their crusade to improve their business processes.
We take pride in providing tangible business and digital transformation for our worldwide clients.
The backbone of the fourth industrial revolution consists of a proper configuration management network with people, processes and enabling tools cohesively communicating within an integrated Internet of Things. In order to achieve successful transformation in the landscape of tomorrow, businesses must improve their culture and reshape legacy business processes and systems.

IpX's mission is to help clients plan and achieve their transformation strategy, improve their core business and operating standards, embrace the digital wave, maximize efficiency, and implement sustainable growth initiatives. Our network of service professionals provide a full suite of solution services and industry experience that solve the issues affecting global businesses.

By using our core CM2 operating standards and industry acumen we bring the breadth and depth of IpX's industry experience to our clients, by offering tangible business and digital optimization.

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**OUR COMMITMENT**

**TRANSFORMATIONAL SERVICES**

The Institute for Process Excellence

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**OUR CLIENTS**

Over 1800 worldwide companies.

**OUR TEAM**

Worldwide staff of cross industry experts.

**OUR LEADERSHIP**

Executive staff of proven industry leaders.

**OUR VISION**

To see you achieve Integrated Process Excellence and tangible business transformation.

**OUR EXPERIENCE**

The industry standard for CM training and business transformation services.

**OUR MISSION**

Help our worldwide clients achieve consistent conformance and continual improvement.
BLUEPRINT FOR BUSINESS AND DIGITAL HARMONIZATION

What We Offer

Global Business Services: IpX focuses on enterprise-wide changes that can produce sustainable cost savings and functional business improvements. We have over thirty years of experience working with organizations on large multi-faceted transformation programs. Enterprise transformation is required to adapt to an ever changing digital environment, increased competition, globalization, and increased regulatory requirements. We provide each enterprise regardless of scale or complexity the capabilities and true industry experience needed to deliver tangible results.

Assessments & Advisement: IpX has a global service network that provides functional expertise for achieving operational excellence. We work with the enterprise to explore justification of outsourcing certain processes or services. Our industry experts work directly with each organization to define and create a tailored plan that utilizes a phased approach for implementing the desired business changes.

Enabling Software Tools: Our technology professionals have deep experience applying modern system approaches and technologies to help you achieve true digital transformation. We provide IT executives with the latest industry developments and best practices. Our cross industry service providers help turn your IT landscape into realized value by evaluating, assisting, and determining the functionality needed to resolve process gaps.

Model Based Enterprise Engineering (MBEE): We work with organizations to validate their model based vision, identify the implementation phases, and design the operating model based on CM2 principles to effectively deliver on the strategy.

Digital Process and Document Management (DPDM): Requirement management, document management, and content management are paramount to the success of any organization especially when it’s under the pressure of global demands and constant change. The diversity of products has quickly expanded Digital Process and Document Management to a global requirement. Rapid growth has made it difficult to keep requirements and documents up-to-date with dynamic development and market changes.

World-Class Manufacturing: Companies must integrate business strategy with supply chain initiatives to drive operational excellence. Our CM2 backbone encompasses product development, integrated planning, sourcing, manufacturing and logistics optimization, and sustainability. We employ world-class approaches, leverage our industry IPE/CM2 Global Congress, and offer services that lower costs, reduce cycle times and increase productivity. We provide on-site capability assessment, analysis and advisement. We provide mandatory inputs and risks with industry best approaches supported by data to establish future direction.

Shared Services: Our Shared Services network works closely with executives to align a proper shared service operating model for the enterprise, evaluate sites and facilities locally and globally, identify organizational and change management issues, business engagement, training, and communications.


The Institute for Process Excellence
EMPOWERING ENABLING TOOLS TO BECOME SOLUTIONS

Maintaining the Digital Thread from the baseline to the planning bill, then from the planning bill to the order bill, and finally from the order bill to the actual as-built record is a major challenge.

Knowing which requirements, at which revision level, to use at any point in time is another.

IpX is partnering with businesses and enabling software providers to ensure that their “off the shelf” product is truly ready for enterprise adoption.

The CM2-600 Enabling Tool Pre-Assessment Guide provides the method for assessing and certifying enabling tools in support of CM2 thus integrating tools and processes into true business solutions.
31st Annual

ConX18

Hosted by the Institute for Process Excellence

Your journey towards Operational Excellence starts here.

Wild Dunes Resort,
Charleston, SC
September 17–18, 2018
Training September 19-21

For more information on becoming a partner, sponsor or exhibitor at this event, contact IpX at services@ipxhq.com.
Over 1800 companies have chosen

Now the choice is yours
Moving from the antiquated and siloed to the enterprise environment