

PROGESYS

FROM
BUILD
TO
OPERATE

ABOUT US...

We are curious, open-minded people who change the world one project at a time through our diversity, love for people and cultures and a passion for new ways to do things better.

Progesys was founded nearly 20 years ago as a multidisciplinary project management firm, delivering industrial projects in mining, metals and oil and gas industries. Today, Progesys serves an international range of markets that spans from its origins in the aluminum industry to energy, hydrocarbons, mining, infrastructure, transportation and more. It blends management capacity with field technical know-how to make the client's vision a successful reality.

PROGESYS

COMPLETE **PROJECT MANAGEMENT AND
TRANSITION TO OPERATIONS** SERVICES

Based in Canada with operations in
the Americas, Asia, the Middle-East
and Africa

Our outstanding safety record, know-how, integrity and leadership are valued by industry leaders. We are committed to developing innovative tools and methodologies and have brilliant resources who continuously advance their skills.

PROGESYS

Our services & industries



&



Project Management

Best practices and brilliant people

The coordination of project stakeholders requires competence, technical skills and human qualities to contribute to project success. Having some of the most brilliant project management engineers, Progesys delivers valuable results for industry leaders. Whether for capital or sustaining projects, our resources and methodologies have proved effective for meeting business objectives. We have built partnerships with world-class software solution providers to complement our services, thus providing an added value to our clients.

Our Solutions

- 1 PMC Project Management Consultancy contracts**
Progesys' PMC teams deliver projects of all sizes worldwide, from a capex of a few million to over one billion USD. From definition to transition to operations, Progesys' PMC teams help project owners deliver successful projects and achieve business objectives.
- 2 Key Expertise supporting project owners**
For 20 years, Progesys' resources have fulfilled key positions within owner teams. We have a proven track record of success in leading and managing all aspects of industrial projects. We believe that adequate planning and control tools, kept comprehensive and adapted to the size and distinctiveness of the project, allow owner teams to foresee challenges and opportunities thus ensuring better management.
- 3 Project Management Office**
The PMO helps companies by providing the structure needed to standardize project management practices and facilitate project portfolio management, as well as determine methodologies for repeatable processes. The PMO allows them to complete more projects on time and on budget with fewer resources. Progesys offers its clients the expertise and tools to create and operate a PMO.
- 4 Risk Management**
Progesys provides Risk Management services to clients in many industries, on both small and large scale projects. We use a set of best practices and methodologies and deploy highly experienced professionals to offer value-driven Risk Management services. Our professionals count decades of experience in the industries we serve and many years in the management of risks to projects and operations.
- 5 Auditing**
It is essential that appropriate best practices be utilized for the successful completion of projects given today's environment of rapid change and limited budgets and resources. Progesys provides auditing services in project execution fields: project management, health and safety, construction management, pre-commissioning, commissioning and operational readiness. The scope of auditing is tailored to clients' requirements; it provides guidance and advice and includes a roadmap to rectify situations and implement solutions.

PROGESYS PMC

Delivering a unique value from build to operate

Progesys is trusted by Project Owners to fully manage projects and represent them or to integrate with existing owner teams. PMC teams manage, monitor and control the development, execution and progress, deploying best industry practices and standards.

Progesys' culture blends management capacity with field technical know-how and is aimed at achieving owners' business objectives. Often these objectives are not met by completing a project, but they are once the operational objectives are achieved. That is why we define, plan, manage and execute with operations in mind. And that is why our teams deliver one of the world's best operational readiness, commissioning, start-up and ramp-up services.



PMC services include

■ Project Management

Plan and manage scope and stakeholders' activities from definition to operation

■ Project Controls

Control all aspects and progress of scope, time, costs, risks, changes, documentation and quality

■ Engineering

Engineering and technology specialists ensure contractors' engineering work is exempt of flaws and in accordance with norms and standards

■ Procurement

Plan and execute adequate procurement strategies always in line with owners' procurement policies and governance guidelines

■ Construction

Ensure safe and efficient construction of the facilities with emphasis on health, safety and environment protection

■ Operational Readiness

Work with owners' function managers to ensure people, assets and systems are ready for operation

■ Commissioning and Start-up

Deliver an optimal commissioning and start-up, ensuring operability in terms of performance, reliability, safety and information traceability

■ Ramp-up Operation Support

Assistance to operation and process optimization

Keys to success

Build great PMC teams

Great projects are delivered by great teams

HSSE

We value life and resources and have an outstanding safety record

Technology specialists

Analyze and advise project owners on the best and latest technologies, process related risks and opportunities, and overall engineering integrity

EPC contractors' management - Build better relationships with EPC contractors from all countries and cultures

Construction Management

Our know-how of construction management, local markets, and best practices and tools has allowed us to build an outstanding track record for delivering complex projects. Renowned clients rely on our expertise to manage or recover projects in many regions and sometimes in very difficult environments and situations.

We provide :

- Proven technical and contract administration expertise
- Mobility of manpower to deliver projects worldwide
- Reliance on competent local manpower
- Knowledge of local construction markets
- Leadership and efficient decision making process



Know-how and Leadership

We coordinate and organize engineers, architects, contractors and suppliers' activities and integrate all stakeholders' efforts to attain the best results on construction projects.

- Planning, coordination and overall management of logistics and construction activities
- Prequalification of bidders, preparation of bid packages, bid document issuance, pre-bid conferences, bid opening conferences, bid evaluation, contract negotiation and award
- Contracting for construction and owner-supplied materials and equipment
- Construction site supervision and progress tracking. Materials management: materials reception, inspection, warehousing and releasing to contractors
- Construction administration, site administration, change orders management
- Inspection and quality surveillance
- Health, safety and environment management
- Structured mechanical completion in preparation for transition to operations.

Commissioning & Start-up

A unique focus on commissioning

Progesys helps clients around the world achieve optimum value when bringing their facilities into operation. We are unique for concentrating our know-how and experience to commission industrial facilities. Our early involvement during design and build phases prevents costly errors. We plan and execute the transition and ramp-up phase with proven methodologies, innovative tools and experienced resources, resulting in a structured handover of systems to owners. We ensure operability in terms of performance, reliability, safety and information traceability.

Our approach

- **Understand**
Our first objective is to understand your needs and to have a clear view on success factors, project conditions, stakeholders and their interests.
- **Plan**
We will then plan the commissioning (define systems, budgets, schedule staffing, HSE, spare parts, LOTO, handover, vendors' presence, etc...) and upload project data in CommissioningForce.
- **Execute**
We will mobilize multidisciplinary expert teams to manage and execute commissioning and start-up.
- **Deliver**
We will deliver, achieve objectives and support you in ramp-up and operations. We have invested nearly 20 years in transforming commissioning from a risk to an opportunity.

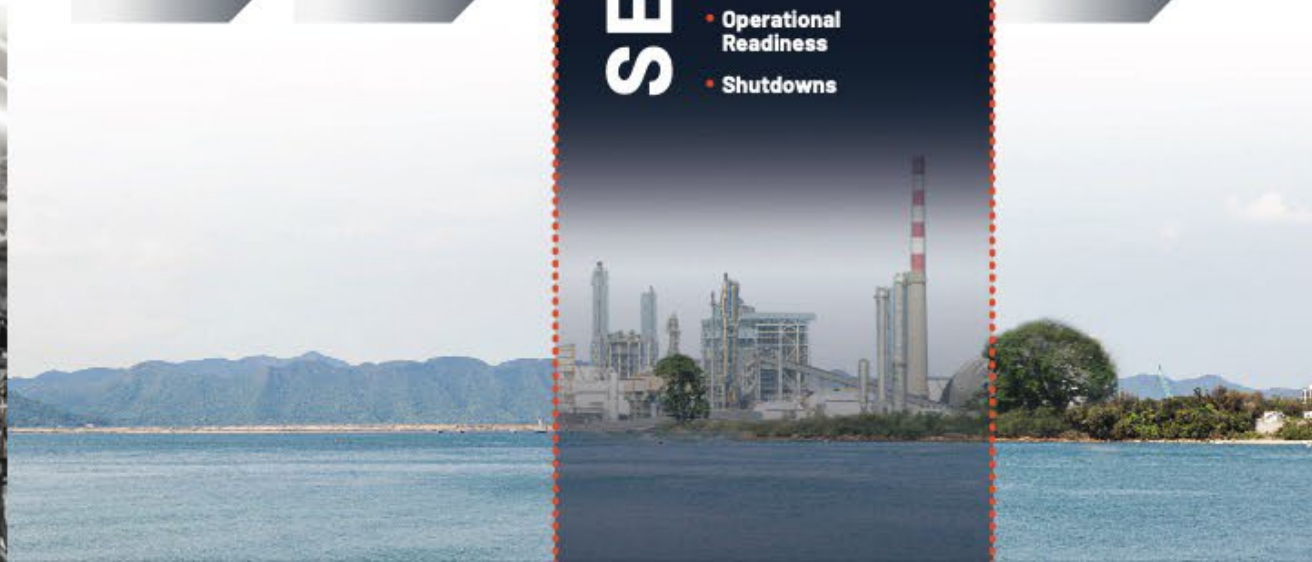


Transition & Ramp-up Phase



SERVICES

- Mechanical Completion
- Pre-Operational Verifications
- Cold and Hot Commissioning
- Start-up
- Ramp-up
- Assistance to Operation
- Operational Readiness
- Shutdowns



Operational Readiness

Operational readiness is a structured program that is applied to equip the owner of a newly constructed or expanded facility to undertake ownership of assets at project completion. This includes all business enterprise functions, meeting the planned business objectives and adhering to environmental standards.

Effective clutter-free solutions for OR

Progesys helps owners in 'Venture Readiness' and 'Operational Readiness'. Depending on their needs, we help them manage all or any of the following functions :

- Production
- Asset management
- Supply chain management
- Engineering
- Technical services
- Information systems
- Finance
- Human resources
- Health and safety
- Site support services
- Corporate affairs
- Community relations
- Sales and marketing
- Quality and BI

Software we use :

CommissioningForce for OR Management
Primavera P6 or MS Project

Operating a new facility for the first time is a unique opportunity to achieve business objectives. See how our specialists can help you

**GET IT
RIGHT FROM
THE START™**

Engineering

Industry experts and local engineering teams

■ Industry experts

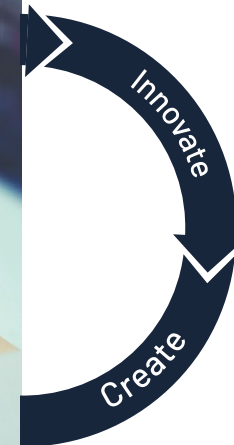
Specialized services

Progesys provides turnkey solutions to optimize operations in industrial plants. Working with maintenance and operations teams, our engineers execute expansion projects and deliver tailored solutions to enhance reliability and performance of industrial facilities.

Engineering expertise

We provide engineering expertise in PMC to support project owners in the development and execution of capital projects.

Our engineers and technicians have an exceptional track record of success in the design, fabrication, and commissioning of equipment for various applications and industries. We utilize the most modern software and tools to simulate operation conditions, evaluate solutions, and design safe and reliable solutions for our clients. The proximity of our engineers is an important factor as they can sit and discuss the clients' needs. Having a thorough understanding of the requirements and clear communications are key to engineering the best solutions and reducing project lead times.



te expansion projects and
deliver custom designed solutions.



Industrial Programming & Industry 4.0

Progesys executes industrial automation projects working with process and design engineering teams

■ Industrial automation, system integration, and process optimization services

Industrial Programming

Industrial programming is a critical scope for most industrial facilities and often presents many challenges and risks. Our teams will plan, develop, and implement engineering solutions for programmable logic controllers (PLC), supervisory control and data acquisition (SCADA), and human-machine interface (HMI). The plan and execution of the work is in sync with the commissioning of the plant for an optimal transition to operations.

Industry 4.0

Digital technology is transforming industrial facilities. Progesys helps its clients benefit from the implementation of Industry 4.0 solutions. Experts from our team will define scopes and plans to achieve the business objectives through these transformational solutions. We help clients digitize their physical assets and integrate them into digital ecosystems. What remains critical for the success of these strategies is detailing a plan with milestones and reaping the benefits of solutions at each one of these milestones.

■ Understand

The first step is to understand your needs. It's essential to clearly identify and document how Industry 4.0 solutions will contribute to business objectives.

■ Plan

We will define the scope of work, the budgets, the schedule and the staff required from clients' organization, our teams, other stakeholders or third parties as required. Most important is to define all the interim milestones and the outcome at each of these milestones.

■ Execute

Coordinate all efforts and mobilize required resources as per plan to implement solutions and perform the planned scope of work.

■ Deliver

Delivery is at each milestone, showing all involved how the project or program is achieving business objectives and the desired outcomes defined in the first step and plan.



PROGESYS

GET IT
RIGHT FROM
THE START™



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