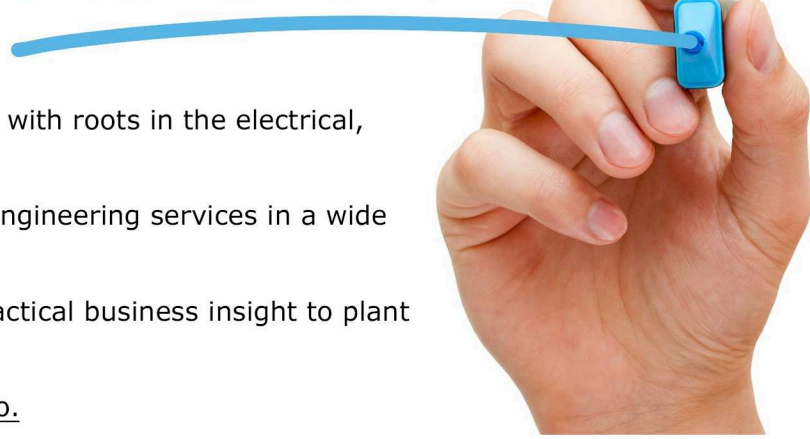


simplicity is the ultimate sophistication

Strategize. Organize. Innovate. Automate.



ABOUT US



Rambutan Automation, Inc. is an engineering company with roots in the electrical, embedded real-time and automation control fields.

From our headquarters in Ontario, Canada, we provide engineering services in a wide variety of industries and market segments.

Our expertise combines leading-edge innovation with practical business insight to plant turn-on key that our customers can rely on.

Our mantra is the KISS principle and simplicity our motto.

Our Vision

As a company, we believe in customer engagement and open and candid communication.

We listen to our customers and act upon their feedback.

It is within our culture of inclusion and personal leadership that we live our company values, which focus on delivering customer value, innovation, excellence, speed and integrity and most importantly, we value people as the foundation of our organization.

Great things in business are never done by one person. They're done by a team of people.

Together, we work to realize our vision: to be a point of reference as global provider of innovative industrial automation and information products, services and solutions.

Get your company on the path to success
Strategize. Organize. Innovate. Automate.





Strategize. Organize. Innovate. Automate.

Rambutan Automation, Inc. is a supplier of "turnkey" plants, particularly in the field of automation systems for industrial processes; furthermore, thanks to the deep know-how developed, Rambutan Automation is a leader in revamping existing plants.

Being a **system integrator**, Rambutan Automation is able to use any type of product, and therefore has greater scope than a company which exclusively integrates its own components.

Concerning new plants, Rambutan Automation is able to operate starting from the **green field**.

Besides, as automation supplier, Rambutan Automation can perform as main automation contractor.

Engineering

Thanks to the specific and extensive experience, we develop engineering compliant to customer standards and procedures, to integrate the new project into the existing.

Starting from the concept, we are able to develop basic engineering, guiding the Customer through the different technologies available and guaranteeing the choice of the most suitable for their needs.

Rambutan Automation also develops the detailed engineering, making the use of our basic engineering or customer one, preparing documents and drawings needed for the erection and commissioning of the plant.

Process and Plants Automation

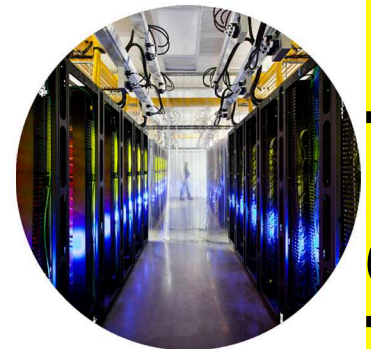
- feasibility studies
- design of plants
- software development
- supply of supervision and control systems (transformer, power centers, MCC, AC/DC inverters, drive panels, control cabinets, PLC, HMI, PAC, SCADA, sensor and actuators for the field)
- erection
- commissioning

Industrial Software

Rambutan Automation engineers are able to assist the Customer in each stage of the project, from the initial design to the development and launch to ensure better plant management.

Rambutan Automation offers end-to-end solutions, developed by our technical experts in order to meet your business objectives:

- development and implementation of software for supervision systems (HMI, SCADA)
- development and implementation of software for PLC, PAC, embedded systems under real time environment, microchip, AVR
- development and implementation for process control systems (PCS)
- development and implementation of software for safety instrumentation systems (SIS)
- design, realization and certification of IT networks



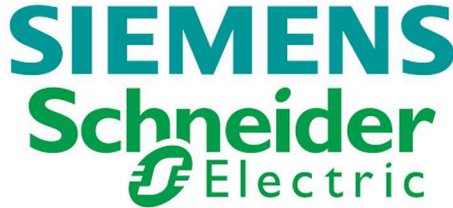


your automation partner

Process Control

PLCs and PAC's involve automation in the production of various commodities. Complex process controls such as those found in the manufacturing sector require sensitive and accurate operations. Recent technical developments in PLCs and PAC's have increased the quality and quantity of products and have reduced operating costs. In the same time the area of applications is not limited to industrial applications today PAC's cover also Building Automation System and Life Safety Systems (Fire Protection).

Rambutan Automation works with market leader PLC/PAC supplier as Allen Bradley/Rockwell, Schneider Electric, Siemens, Omron, ABB and others.



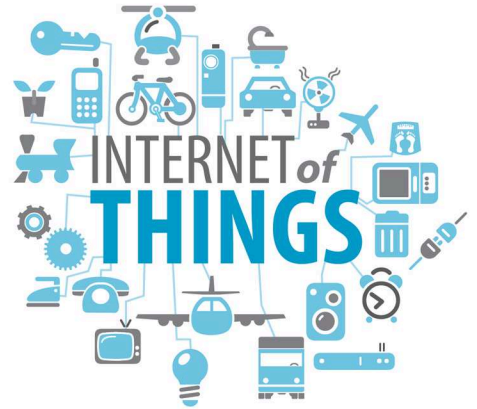
Embedded Systems

This is the era of the IoT, a scenario in which objects, animals or people are provided with unique identifiers and the ability to transfer data over a network without requiring human-to-human or human-to-computer interaction.

Rambutan Automation is able to supply the latest technologies in the embedded sector, from microchip programming (AVR, PIC and others) to embedded system platform ready to go.

We have the technology and the expertise to build custom hard and soft real time controllers using RTOS market leader as:

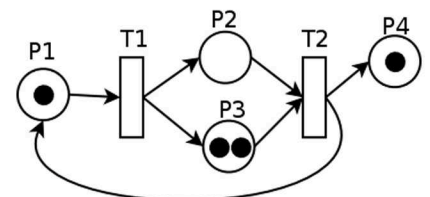
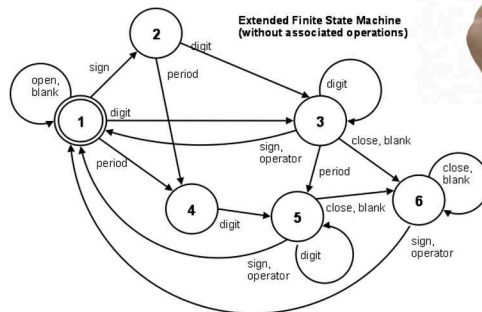
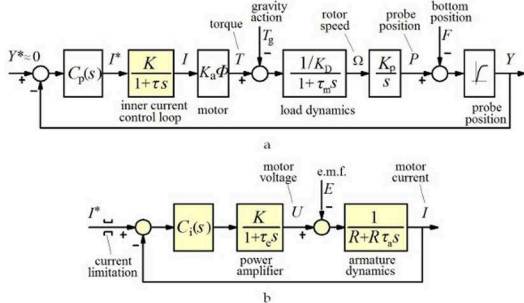
- QNX
- On-Time
- CoDeSys
- Linux (RTAI, RTLinux, and others)
- VxWorks



Controls Design

We develop functional specification for control systems, including all documentation about the control technique used with flowcharts and diagrams.

Depending on the process, we use different visual approach and techniques to document the architecture and the control system implemented, such as Petri Net, Neural Networks, FlowChart, State/Event Diagrams and more...





services tailored on your needs

Project Management

Rambutan Automation offers project management services to carefully projecting and plan, organizing, motivating and controlling resources to achieve specific goals and meet specific success criteria.

Each project is a temporary endeavor designed to produce a unique product, service or result with a defined beginning and end, usually time-constrained, and often constrained by funding or deliverables, undertaken to meet unique goals and objectives, typically to bring about beneficial change or added value.

The management carried by Rambutan Automation strive against challenges proper of every project such as achieve all of the project goals while honoring the preconceived constraints.

The primary constraints are scope, time, quality and budget.

The secondary — and more ambitious — challenge is to optimize the allocation of necessary inputs and integrate them to meet pre-defined objectives.

Commissioning

Rambutan Automation coordinates activities with the owner, engineering, procurement and construction to organize the activity sequencing for a quick start-up.

Projects which are well engineered, constructed, and thoroughly pre-operationally tested, are quickly commissioned on load and begin production and ramp-up to design throughput in the shortest possible time.

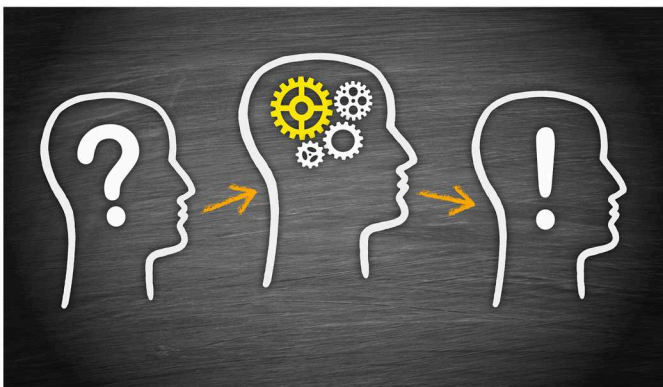
Consulting

Rambutan Automation professional engineering services and expertise are offered to both public and private sector organizations, including:

- feasibility and investment studies
- social-impact and environmental-impact studies
- preliminary and final designs for construction or engineering work
- supervision and inspection of construction work, including on-site project management
- technical assistance and advice



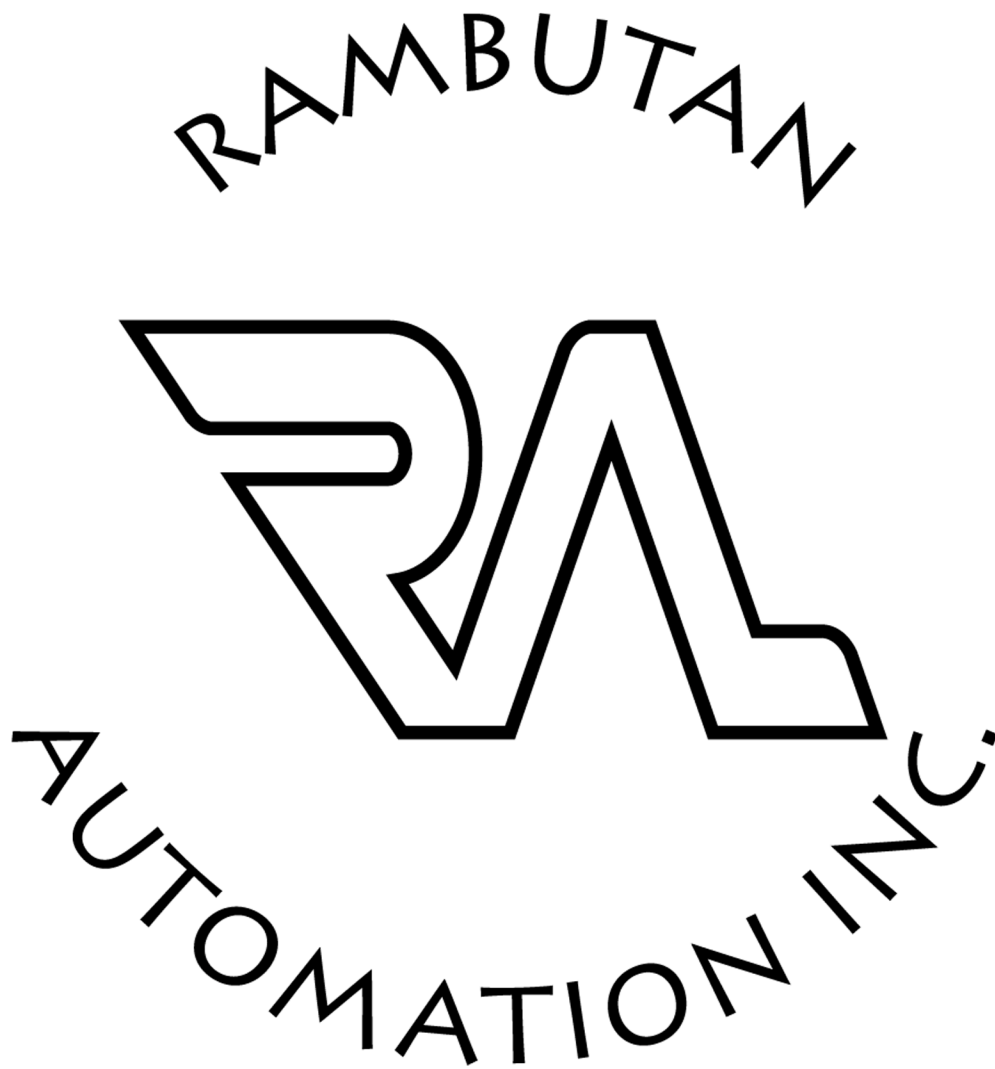
Reverse Engineering



The world is moving on paperless, and nowadays easily you have huge package of plant drawings and documentation in general.

However, the transition it is not always smooth as desired, or sometime just something is lost or irremediably damaged.

Rambutan Automation can help you doing a reverse engineering for missing drawings and programs.



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