

AS & HS – Gionet Engineering Inc.

Company Profile

Introduction

AS & HS – Gionet Engineering Inc. is Canadian federally registered company, licensed to serve in Ontario and Quebec.

Our target market is professional engineering services in support of **Facilities Engineering**. We offer engineering, procurement and construction management services (EPCM) to owners of existing facilities.

Our Premise

Does not everyone want a **‘State of the Art’** home, plant or facility?

‘State of the Art’ status is a very fleeting status. Even with the best of circumstances and planning, most facilities have shortfalls even before having gone into service. Quite often one grudgingly accepts much as in nature, the tendency to age and slowly settle to lower levels of functionality, to become obsolete, or to fail with passing time. Even without drastic failures of infrastructure, machines, and systems; a facility eventually fails to meet desired requirements effectively.

Maintenance, of course, is the first line of defence. However, even a well maintained plant and facility, loss of ground in functionality due to obsolescence or change in functionality occurs. An obvious solution would be, much as in consumer products, to replace with new. In some cases that is the answer.

Replacement of facility however, unless a disaster has struck, is not an option. Expecting to keep up with competition and technology by waiting to justify a complete facility replacement, in our opinion, is a **dead end recipe**.

A more complex solution is required. A solution based on **incremental evolutionary step changes to a facility**. That is timely alterations, modifications, improvements, transformations, additions, restorations and etc, a kind of **evergreen process**.

Facilities are conceived and built for the long term. Even if not periodically upgraded or modernized, facilities have a tendency to be **kept functioning well pass their prime**. Allowing this to happen, in our opinion, is equivalent to **eating the goose that lays the golden eggs**.

AS & HS – Gionet Engineering offers to facilities owners and their management staff a resource to help plan and engineer proactively **incremental evolutionary step changes** to an **evergreen process**, as a means in striving to achieve and maintain a **‘State of the Art’** facility status.

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Incremental evolutionary step changes can consist of unique self contained **projects** that would feature some of the following goals:

- Improve use of material resources, i.e., energy, raw materials, labour
- Upgrade or alter production equipment
- Integrate new equipment into a process line
- Modify plant process
- Develop process specific equipment
- Automation process and production units
- Modify existing equipment to suit new process or safety requirements
- Restore existing a facility after an accident
- Meet new environmental regulations or constraints; dust, fumes, water, noise, heat, cold
- Analyse operating risk, reduce operating risk
- Add production functions
- Support major maintenance activities

In the not to distant past, facility managers could expect support from an engineering team on staff that planned, estimated, developed and executed such **incremental projects**. However, today's organizations are more constrained in that regard. The best one can probably expect is an engineering manager with outsourcing capability on staff. Quite often for the smaller facilities, this resource is not readily available.

What You Do

We recognize that a company's production processes are a unique integration and synchronization of peoples' skills, production equipment, specialized technical knowledge and management aimed at serving a unique market. Your company created or gained a market, or portion there of, because of its unique blend of production resources.

To keep its portion of the market and maintain competitiveness, this blend must remain dynamic. To achieve this, your key people monitor and track productive trends and then recommend and initiate modifications to improve the production processes. This improvement process is the company's proprietary information and it resides with a few key people. These people are an internal and necessary resource and not easily emulated by and outside service organization.

What We Do

AS & HS – Gionet Engineering Inc. offers you a team of trained professionals that will assist you or your key people in the structured implementation of process improvements. We are the '**nuts and bolts**' team in support of your **facilities' processes and systems**. We provide a design and engineering service customized to your specific requirements. To achieve your production goals, we help you

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bring a proposed process improvement to a final process design concept. We then follow through by providing the management and engineering resources to coordinate conventional engineering design skills, equipment, building materials, and construction resources to implement the change.

We propose to provide you with a complete process hardware design and engineering service on existing facility level projects. We also provide customized equipment design to suit your particular process needs.

Our Approach

We propose the following approach to project development within your facility:

- **Initial contact with respect to a potential service requirement**
We meet with you or your representative, do an initial investigation and work together to define project(s), determine workable stages. From this initial investigation, we formulate a project proposal that will help to define the project. This initial effort, we propose to carry out at our expense.
- **Project Proposal**
The project proposal includes a project definition, a project scope and project implementation plan. The plan breaks up the work into attainable project phases. As soon as we feel that we have defined, scheduled and budgeted a phase of the project with a degree of confidence, we propose to provide you with a fixed budget proposal for the services included within that phase.
- **Project Execution**
We propose to provide a customized service with hands on management adapted to your needs, our philosophy of operation is to provide you with and engineering support service designed to supplement and compliment your own facility engineering group. During planning and execution of a project we will integrate your available resources at the process operation level, your specialized engineering resources and know how, and your plant's maintenance and tooling resources.

History

AS & HS - Gionet Engineering Inc. is a new development that evolved from restructuring and downsizing Gionet Mellor Associates Inc and Gionet Mellor Liebich Associates Inc. (GML). We have served industrial, commercial, private clients since 1977. Over the years we have carried out a significant number of successful projects both, in support of facilities on site and in support of corporate management.

Attached you will find an historic list of projects that serve as an overview to attest to the companies service versatility in experience.