



# *S2F Metaprocess*

Start 2 Finish Process Integration



# *S2F Metaprocess introduction*

- Formed in 1994, by Georges Karam
- Headquarters in Chicago, with team members in USA, Germany, Middle East, India and China. S2F Metaprocess has established itself as an innovator and unique solution provider in the industry.
- S2F Metaprocess provides **process integration** solutions for the chemical and manufacturing industries. We specialize in **turnkey** system execution for **material handling, process engineering, debottlenecking, pinch analysis, and plant engineering** as well as **master planning**.
- S2F Metaprocess team is comprised of more than a dozen plant engineering and logistics veterans. Our solution team has over 200 person years in combined experience within the related services.



## *S2F Metaprocess - Vision*

We strive to be “The *go to* organization” for the *management* of turnkey *projects* in *product handling*, and to provide innovative *process integration* solutions in an environment where *Integrity, Fairness, Safety,* and *Reliability* are not compromised for our employee nor for our customers.

*Georges Karam*



# *S2F Services*

- Material Handling systems
- Design build project management
- Facilities master planning
- Technical services
- Logistics services
  
- Projects Locations: Global.



# *S2F Process services*

## ➤ Material Handling systems

- Material: Bulk, liquid & powder.
- Process design and automation.
- Batch or continuous.
- Engineering support only or turnkey projects..
- Bulk and railcar loading.
- De-bottlenecking and optimization of existing.
- Start-Up & engineering services.



# *S2F Turnkey services*

## ➤ Design Build Project management.

- Material Handling.
- Chemical processes.
- Manufacturing.
- Assembly/Production.





# *S2F Facilities services*

## ➤ Facilities Master Planning.

- Manufacturing Plant designs.
- Equipment and Machinery selection/design.
- Material / product flow optimization.
- Warehousing strategies, and designs.
- Procurement strategies.





# *S2F Technical services*

## ➤ Engineering Services

- Sales support
- Project Management
- Process design and automation.
- Plant engineering, supervision and commissioning.
- Systems Start-Up.
- Pinch analysis.





# *S2F Logistics services*

## ➤ Logistics & Distribution Services

- Logistics planning, strategy & procurement.
- Supply chain optimization, and implementation
- Major contract and RFP negotiations
- Management of outsourced logistics functions
- Rail design & engineering
- Site selection logistics due diligence



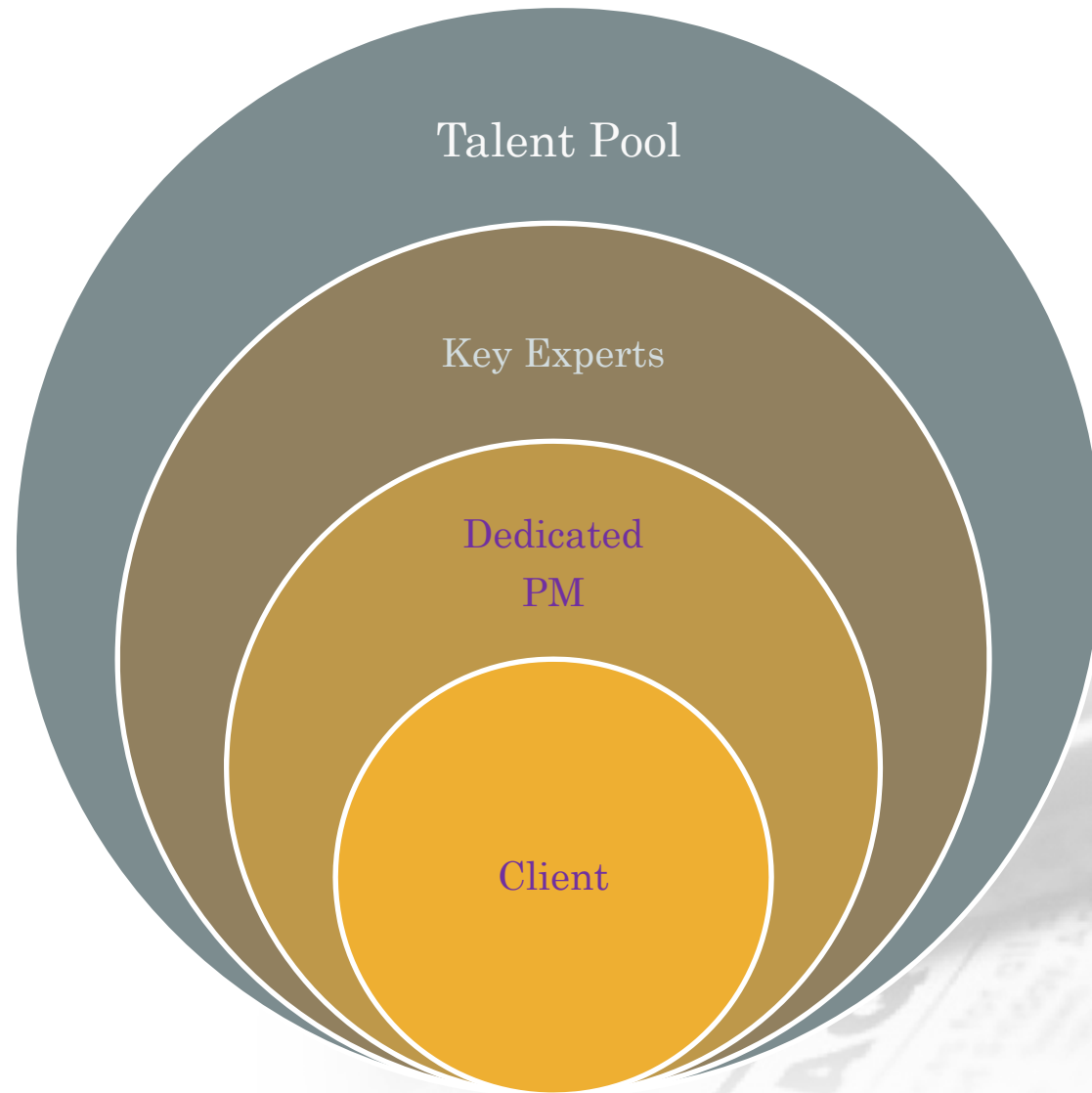
# *Partial Client List*

Some of our 30+ clients include:





# *How We Work*





# *Our Value Proposition*

- Optimal solutions tailored to the project at hand.
- Team Approach - Our clients get a team of industry experts working on their behalf.
- The assembled talent is unrivaled in the industry:
  - Broadens and deepens solutions insights, ideas, techniques, strategies, capabilities, and skills.
  - Bolsters person-power and brain-power to root out costs, improve efficiencies, develop strategies, and implement solutions.
  - Enhances communication with partners.
  - Secures negotiating leverage with vendors.
- Our solutions are neutral and unbiased. We are able to implement multiple solutions from multiple vendors - no agendas other than what is best for client.



## *Recent & Typical projects*

- Conveying from extruder to blenders, and finally to railcar loading stations.
- Master planning for a polymer processing plant, including all process design, equipment procurement, bulk material handling for dry and liquid including start-up services.
- Management of Bid packages inclusive from preparation to vendor selection.
- Ground-up, national distribution network design & optimization.
- Identification and implementation of improvements in logistics management, technology, and processes for major shippers.
- In-plant logistics infrastructure and operations design and engineering.
- Site selection logistics due diligence, facilities design, planning, and negotiation.
- Development and implementation of competitive plant strategies in process and logistics.



# GK Introduction

**Georges Karam,  
Coach Engineering & Operations:**

Georges began his pneumatic conveying career in 1986 for custom pneumatic conveying system in the processing sector. Georges is the former Vice President of Engineering in USA for the German Waeschle GmbH, which is now part of Coperion Corporation. With a sizable staff of engineers and designers, Georges has led several teams on various multi-million dollar projects such as: Design build manufacturing plants, turnkey bulk materials handling, storage and railcar loading systems. The customer list includes BASF, DuPont, Waeschle, Zeppelin, and Dow Chemical. Georges also engineered and managed the various turnkey pneumatic bulk material conveying systems for Baxter Health Care, EMS-CHEMIE, Sony, 3M, Triple-S Plastics, and other processors throughout the U.S. and the world.



## *S2F Metaprocess contact*

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