





What does it take to find a highly qualified refinery blending automation consultant, institute an automation feasibility study, and get turnkey project support?

It takes just a phone call.



Refinery Blending Automation – Emphasis on Low Sulfur Mogas/Distillate Impacts

It does not take a million-dollar effort to achieve a multi-million dollar profit improvement. What it takes is an experienced team of engineers who can quickly focus in on what can be achieved and is practical to implement – the Carmagen Engineering Team.

Range of Services

-  Automation Feasibility Studies
-  Tank Farm Automation Consulting
 - ⇒ Tankage optimization
 - ⇒ Product blending
 - ⇒ Oil movement and storage
 - ⇒ Instrumentation selection
-  Training – all areas
-  Project support (consulting through turnkey)

Consulting Team Make-Up

-  Blending / Storage / Automation / Instrumentation Specialist
-  Others, if required (e.g., Offsites Specialist)

Typical Parameters

	Tankage Optimization Study	Blending Study	On-line Blending Analyzer Consulting
Duration (elapsed), weeks	8 – 20	4 – 12	1
Typical cost, k\$	60 – 100	40 – 60	10
Expected benefit, M\$	1 – 20	–	–
Expected benefit, M\$/yr	–	2 – 8	1.0 – 2.0

INTERESTED?

Carmagen's staff of over 180 skilled specialists in all Process, Non-Process (Equipment), and Project Management disciplines is available to support client's implementation plans.

Contact Jerry Lacatena (jlacatena@carmagen.com) to discuss your needs.

All the right people in all the right places.™



4 West Main Street, Rockaway, NJ 07866
 Telephone: (973) 627-4455 • Fax: (973) 627-3133
 E-Mail: carmagen@carmagen.com
www.carmagen.com