







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	Typical Parameters			
<ul style="list-style-type: none">  Automation Feasibility Studies  Tank Farm Automation Consulting <ul style="list-style-type: none"> ⇒ Tankage optimization ⇒ Product blending ⇒ Oil movement and storage ⇒ Instrumentation selection  Training – all areas  Project support (consulting through turnkey) 		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
<p>Consulting Team Make-Up</p> <ul style="list-style-type: none">  Blending / Storage / Automation / Instrumentation Specialist  Others, if required (e.g., Offsites Specialist) 				

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.™



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