

Since its introduction in 1985, Cutler's MPC Algorithm is used in over 50% of the World's APC Applications!



ADMC®

New Feature:
MPC Easy Replacement.
Now, APC users can now
take their existing models and
configure them directly into
APCX1.



APCX1™

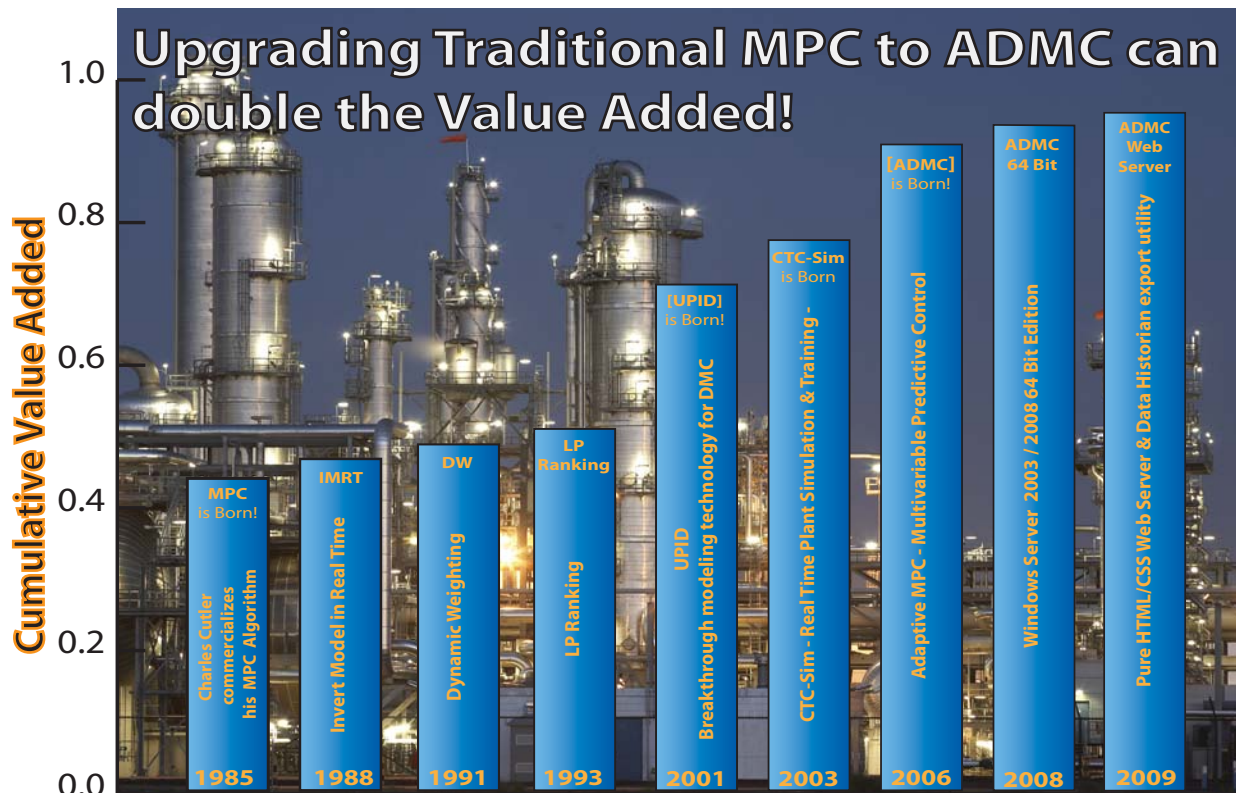
**If your not using Cutler's new APC software, you
are using 1980's era technology!**

While other MPC vendors continue to recycle Dr. Cutler's open source 1985 algorithm, only CTC has the new patented technology that gives you the option to use any or all MV's as independent variables. Before renewing your current SMS contract, check with CTC on how easy it is to port your existing model into Cutler APC products.

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ADMC Benefits:

- * **Adaptive Transformations:** The transformations in the controller are automatically adapted as the upstream and downstream pressures change.
- * **Stiction Move:** The transform output is passed through an algorithm that further corrects the output change to account for Stiction.
- * **PV-based modeling:** The models in the controller use Process Variables as their independent variables, so the prediction is updated only when the process changes. The predictions are not corrupted by sticking valves.
- * **PV Models** are linear across a wider range than PID set point controllers with non linear valves.
- * **PV Models** are not corrupted by PID tuning or configuration changes.
- * **LP Optimizer:** handles infeasibilities based on relative importance.
- * **Dynamic weighting:** Variables are weighted dynamically based on their relative importance.
- * **Compatible** with most common data historians, including PHD and PI.
- * **Trip limits:** if the process exceeds a trip limit, the controller will automatically turn off.
- * **Field Proven** on over half a dozen major process units.
- * **Data Historian Export** compatible with most "Process Watch" software packages on the market today.



Time



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