



## HPC Fleet Management for Utility Companies on SAP®

From streamlined preventive maintenance to improved sustainability metrics, HPC America's fleet management template puts all of your vehicle data just a keystroke away.

Fleet managers at utilities on SAP face diverse challenges these days, as their needs are not always met by the ERP's basic configuration. Preventive maintenance schedules often exist outside of SAP, requiring duplicate data entry and causing subsequent reconciliation problems. Fuel costs are rarely allocated by vehicle, making true costs impossible to calculate. And that, in turn, prevents fleet rental prices from reflecting their actual cost of service.

The HPC America fleet management configuration template addresses all of these concerns, and more. It covers per-vehicle maintenance costs and schedules with a single point of entry, thereby improving operational efficiency and delivering valuable business intelligence. We achieve this by combining SAP Enterprise Asset Management and Fleet Management with external fuel consumption and mileage data from services such as Voyager and Wright Express.

### Key Benefits

HPC's fleet solution provides proven configuration settings of standard SAP functionality, refined to suit your fleet's particular requirements, plus our custom import program that integrates your SAP ERP even more tightly with third-party fuel monitoring services. The resulting package enables you to:

- Access common SAP fleet management functions from a dedicated dashboard tailored for fleet managers and technicians
- Schedule preventive maintenance within SAP for all units in your fleet
- Manage fuel consumption with gas station data integration
- Record all costs of internal labor and external services with full integration into SAP Financials
- Enter data only once, minimizing manual, error-prone clerical work
- Store important fleet paperwork in SAP for easy online access

### How It Works

We leverage standard SAP functionality for fleet objects, profiling each unit with measurement points such as miles, gallons, or hours. Each fleet unit is assigned a fuel card that employees use with their own unique PINs to record odometer readings at designated fueling stations.

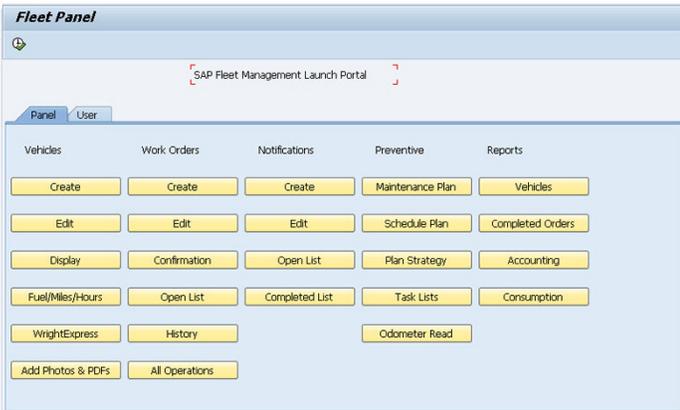
Consumption and mileage data are then uploaded to SAP, triggering maintenance work orders and calculating your specified metrics for sustainability scorecards, such as miles per gallon, cost per mile, and emissions. Last, the Document Management System (DMS) stores all of the paperwork associated with each fleet unit, including pink slips, registration, permits, warranties, and photographs.

Maintenance plans for each fleet unit provide your mechanics with a simple system for staying on top of all necessary work. We establish and assign time- and performance-based plans for each type of fleet unit, including detailed task lists. After a new work order is triggered by a time or distance notification, the mechanic confirms the service work as it's completed. That history is stored in SAP for future reference and review.

### Contact Us for a Demonstration

To see the HPC Fleet Management solution in action, please contact us at (925) 831-4765 or [info@hpc-america.com](mailto:info@hpc-america.com).

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The HPC-designed Fleet Dashboard provides quick access to the functions required by fleet managers and technicians to maintain vehicles in SAP from purchase through retirement. Master records, maintenance plans, service notifications, operations reports, and other important tasks for *your* utility are all within easy reach.

**Change View "Fuel data imported from WrightExpress": Overview**

New Entries

Card Id	Date	Time	Vehicle	Co...	Odometer Reading	Adjusted Odometer Rd	Units	Mpg	Fuel Cost
0001 - 1 10/01/2011 000000			E157	X	81155		5234.00		
0001 - 1 11/11/2011 071938			E157	X	81384		14.734		58.92
0001 - 1 11/13/2011 083700			E157	X	81607		13.862	16.100	52.11
0001 - 1 11/20/2011 180900			E157	X	81851		9.603	25.400	36.29
0001 - 1 11/27/2011 074700			E157	X	82010		12.368	12.900	45.75
0001 - 1 12/04/2011 080200			E157	X	82151		12.027	11.700	44.01
0001 - 1 12/10/2011 175900			E157	X	82290		11.829	11.800	42.10
0001 - 1 12/18/2011 074900			E157	X	82383		7.487	12.400	26.50
0001 - 1 12/24/2011 145942			E157	X	82482		7.243	13.700	27.52
0001 - 1 12/27/2011 164537			E157	X	82635		12.005	12.700	45.61
0001 - 1 01/01/2012 161754			E157	X	82830		9.702	20.100	34.92
0001 - 1 01/07/2012 064300			E157	X	83051		13.078	16.900	47.07

HPC integrates SAP with third-party fuel monitoring services to bring consumption, cost, and mileage data into SAP. The system flags odometer readings that warrant review, and allows managers to make corrections as necessary. SAP also stores miles per gallon and other performance data so you can generate sustainability and cost of service reports directly from the ERP.

**Change General Task List: Operation Overview**

Internal External Header Task list

Group 3 4K SERVICE Grp.Countr 1

O...	S...	Work ctr	P...	Ctrl	Operation Description	L	Work	Un.	No.	Duration	Un.	Pct
0010	FLEET-44			PH01	SERVICE OPERATIONS 4K	<input type="checkbox"/>	2	H	1	2	H	100
0010 0010	FLEET-44			PH01	Test Drive Vehicle	<input type="checkbox"/>						
0010 0020	FLEET-44			PH01	Check operation of all interior controls	<input type="checkbox"/>						
0010 0030	FLEET-44			PH01	Check gauges and warning lights	<input type="checkbox"/>						
0010 0040	FLEET-44			PH01	Safety inspection per SCWA Guidelines	<input type="checkbox"/>						
0010 0050	FLEET-44			PH01	Check all light beacons and light bars	<input type="checkbox"/>						
0010 0060	FLEET-44			PH01	Check trailer light connector	<input type="checkbox"/>						
0010 0070	FLEET-44			PH01	Rotate tires. Torque wheels	<input type="checkbox"/>						
0010 0080	FLEET-44			PH01	Inspect tires and set pressures	<input type="checkbox"/>						
0010 0090	FLEET-44			PH01	Check and inspect parking brake	<input type="checkbox"/>						
0010 0100	FLEET-44			PH01	Check vehicle suspension and steering	<input type="checkbox"/>						
0010 0110	FLEET-44			PH01	Check fire ext, flares, first aid kit	<input type="checkbox"/>						

When a fleet vehicle is brought in for preventive maintenance, technicians enter their completed service work and labor into SAP. Predefined maintenance plans based on time and mileage lay out all of the expected tasks, eliminating paper-based records. Fleet managers can evaluate cost of service for vehicle classes, and identify opportunities for enhancing productivity.

## About HPC America

HPC America is a utility industry expert and certified SAP partner with 20 years of experience implementing SAP and developing solutions in accounting, regulatory reporting, billing, supply chain management, plant maintenance, and business intelligence. Some of our customers include Pacific Gas & Electric, Southern California Edison, We Energies, RPU, PHI, Sonoma County Water Agency, Trans Bay Cable, NTUA, AEPSCO, and City of Palo Alto.