solidpartners provensolutions



### **Company Overview**

Piet Koppen Manager Standardization Europe & Asia April 2011

















# Leading global provider of advanced analytical instruments for industrial laboratories and online process analytics

**Leading Global Position:** ~400 employees & over 30,000 instruments installed

Global Support Network: 11 PAC direct offices & more than 50 distributors

Early Industry Innovator: more than 50 patents

**Strong emphasize on R&D:** over 50 engineers in six countries

**Corporate Structure:** part of Roper Industries (NYSE: ROP)















Gas Chromatography



Fuel Performance







**Elemental** 



Physical Properties





**Process** 



















#### **Centers Of Excellence**

- Process development and engineering support
- Solutions-oriented approach
- Extensive process know-how
- Dynamic resources available

Rotterdam, NL

Verson, France Lauda. Germanv

Houston, USA

Houston, USA

Houston, USA

Gas Chromatography

**Physical Properties** 

Fuel **Performance** 

**Elemental** 

**Process** On line

Reformulyzer **SimDis** DHA **RGA** NGA

Custom

**Distillation** Flash **Cold Flow Viscosity Vapor Pressure Bitumen Cetane Number** 

**JFTOT VTDR MCRT** Composition Color

Octane Cetane

Sulfur **Nitrogen Halides** 

**CFPP Flashpoint Viscosity Pour Point** Color

**RVP** 

Sulfur Nitrogen



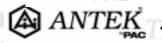












### Global Reach Local Service and Support



















## Industry Leadership and Innovation









1957 1990 199**5** 





### **Optidist**

- More than 1000 units in the field
- The "Standard" within a standard
- One button Distillation

### **PMD 110**

- Low volume / fast distillation
- 300 1000 tests per flask



### **MicroDist**

- PAC state of the art technology delivers \$1.5M savings per year to customers
- A real On-Line Distillation

2007















# Unleashing PAC's Technologies Creates New Horizons

























# Dedicated to Quality and Advancing Standards



- PAC works in close cooperation with ISO, ASTM, CEN, UOP, GPA, EN, DIN, IP, GOST, etc.
- PAC's knowledge sharing advances quality standard through industry expertise and technology innovation

#### **Distillation**

ASTM D 86, D850, D1078, D1160

### **Elemental Analyzers**

D5453, 6667, 4629, 5176, 5762, 6069, 6751, DIN38409, EN20846 UOP975

#### **Cold Behavior**

D97, D2500, D6892, IP 219, IP 15, D637, IP309, Def Std 91-91, IP529, IP468,D2386, D7136, IP16, ISO3013

### **Vapor Pressure**

D5191 ,D6378 , EN13016,IP394 ,IP481,D1267 ,D323, D4953 ,DIN51754

### Chromatography

ISO 6974, D1945, D6228, GPA2261, 2286, 2186. UOP 539, D2163, DIN 51666, D6228. UOP 539, D2163















### Keeping You Productive, Profitable, Compliant



- Bringing innovation to stay competitive
- Offering meaningful and reliable information to optimize your processes
- Ensuring strict quality control to meet standards and regulations















