

Achieve high operating profit margins, high quality and low defects

# Pharmaceutical & Manufacturing Operations



The POSy-System is a  
self-contained

**Optimization Software  
Engine and Platform**

The POSy-System in-  
creases productivity,  
quality, and  
optimizes efficiency, re-  
sulting in increased profit  
margins and lower costs



- A Typical 10-23% Cycle Time Reduction
- Increase Productivity & Efficiency
- Increase Operating Profit Margins & EBITDA
- Reduce Manufacturing Costs, Capital Expenditures
- Improve Product Quality
- Reduce Waste, Defects, Process Variability
- Reduce Energy Costs

## How a Major Company did it using PE&T's Powerful POSy-System™ (Process Optimization System)

PE&T's POSy-System™  
focuses on *Customer Key  
Performance  
Requirements*

By using our proprietary  
**Process**  
you can eliminate  
inefficient and costly trial  
& error approaches

### Customer Testimonial: Major Pharmaceutical Company Injection Molding Operation

"I have used your Paradox software engine on a tool that has been in production for over a year. I have had a **huge reduction in cycle time by 20%**."

"This software is user friendly compared to the software I have used in the past. The results are quick and easy. The QA Department has accepted the changes a lot faster, since there is a full report once trials have been completed. It was easier for my management staff to see the results rather than me trying to explain the changes to process. Thanks"

**Troy Cook, Production Manager  
Starplex Scientific, d/o Apotex**

### PARADOX ENGINEERING & TECHNOLOGY

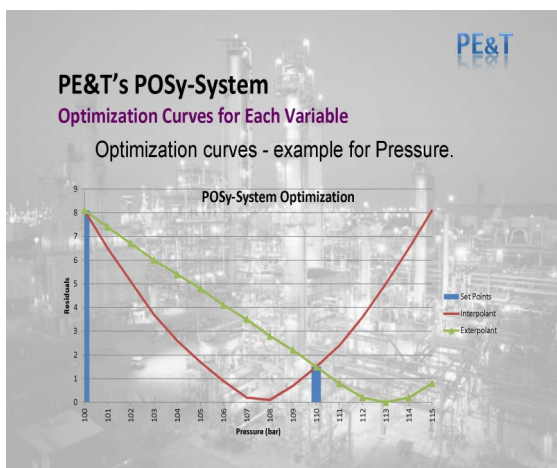
**PE&T's Powerful  
POSy-System™  
(Process Optimization  
System)**

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The POSy-System may be used for manufacturing optimization of injection or blow molding for caps, bottles, or automotive parts, or to determine the precise quantities of ingredients required for new medicines minimizing potential side effects.



3-Dimensional graphs determine each set point

**Our Goal is to Optimize the Following Key Items:**

**Injection  
Molding**

**Blow  
Molding**

**R&D**

**Sweet Spot**

**Machine  
Time**

*For an Optimization Trial and more Information, please contact us at:*

**PARADOX ENGINEERING & TECHNOLOGY**

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