



## ABB and Solvay Indupa do Brazil S.A. Working Together

### ABB – Delivering Full Service

Solvay is an international chemical and pharmaceutical Group, employing some 29 000 people taking care of the Group's 160,000 clients in 50 countries. The Group's essential products (soda ash, hydrogen peroxide, caustic soda, PVC, etc.), with a host of applications in everyday life, are successfully meeting the challenge of maintaining and gaining leadership in their different markets.

### Partnership between Solvay Indupa do Brazil and ABB

The partnership between ABB and Solvay Indupa do Brazil, started in 1997 when the Full Service contract was signed. Contract's scope by ABB was to deliver complete maintenance of all production lines, electrical distribution and utilities.

### The Services Provided by ABB

- ABB Full Service® delivered by ABB Performance Services

### Key Figures Used

- Maintenance costs (Services & Materials), Availability, Safety, Customer satisfaction and Maintenance backlog

### Plant Performance Highlights

- **Decreased Maintenance Material Expenses**

- ◆ 16% in 2004
- ◆ 12% in 2005
- ◆ 7,93% in 2006



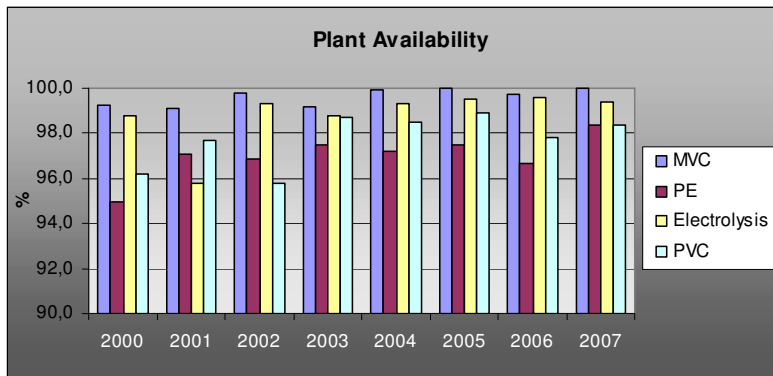
Solvay Indupa do Brazil, Elclor plant

ABB  
Performance  
Services

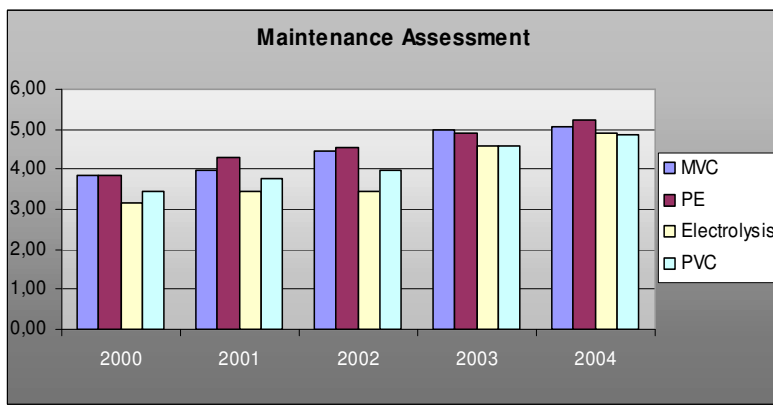


## Achieving Good Results:

### PLANT AVAILABILITY



### MAINTENANCE ASSESSMENT



### SAFETY PERFORMANCE

Year	Men hours	Without Loss Time		With Loss Time	
		Number Accidents	Rate 200,000 h	Number Accidents	Rate 200,000 h
2007	158.060	2	2,53	1	1,27
2006	323.386	6	3,71	0	0,00
2005	423.409	2	0,94	0	0,00
2004	415.228	14	6,74	2	0,96
2003	352.908	7	3,97	2	1,13
2002	368.998	5	2,71	3	1,63
2001	359.238	7	3,90	0	0
2000	332.162	8	4,82	0	0

### CUSTOMER SATISFACTION

