# Think & Do Studio!

Increase productivity using built-in data analysis tools

Think & Do Studio has a comprehensive production analysis tool called eView. It presents detailed, graphical views of production data from three perspectives: Cycletime, Downtime, and Capacity. It even allows you to divide reasons into sub-reasons for more detailed analysis.
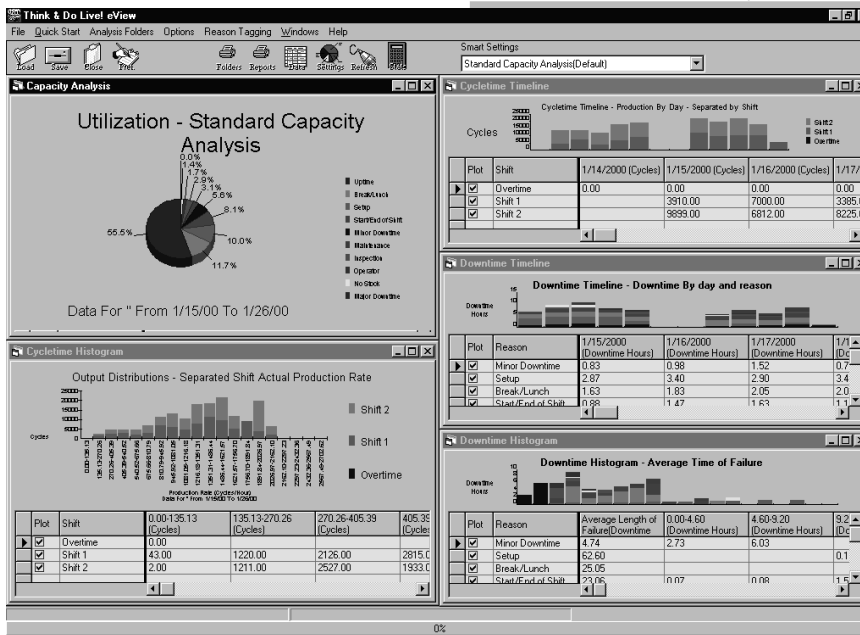
Cycletime analysis

Cycletime Analysis examines
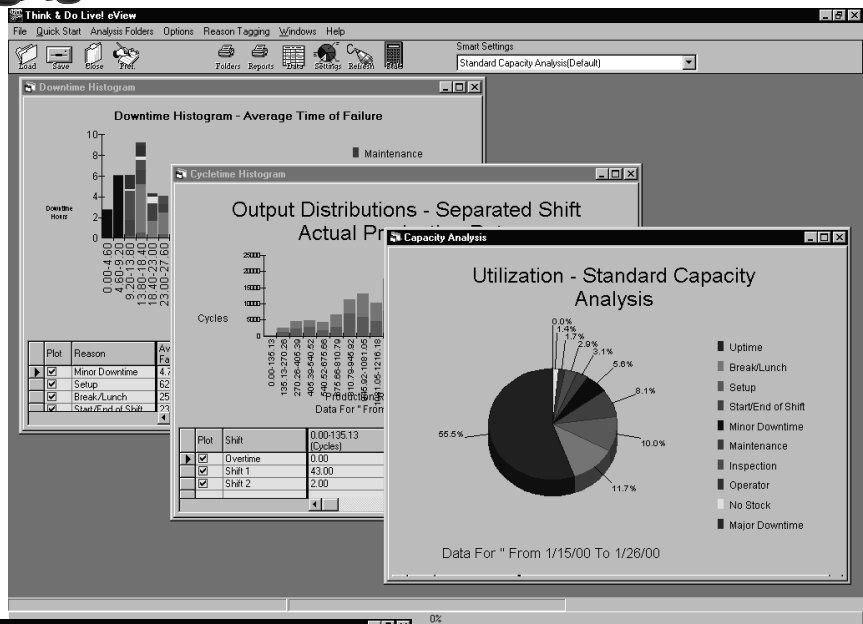
Five analysis folders

Cycletime Timeline
Cycletime Histogram
Downtime Timeline
Downtime Histogram
Capacity Analysis

trends and measures of production rates. The Cycletime Timeline displays cycles per hour, shift, or day. The Cycletime Histogram shows total cycles versus production rates.
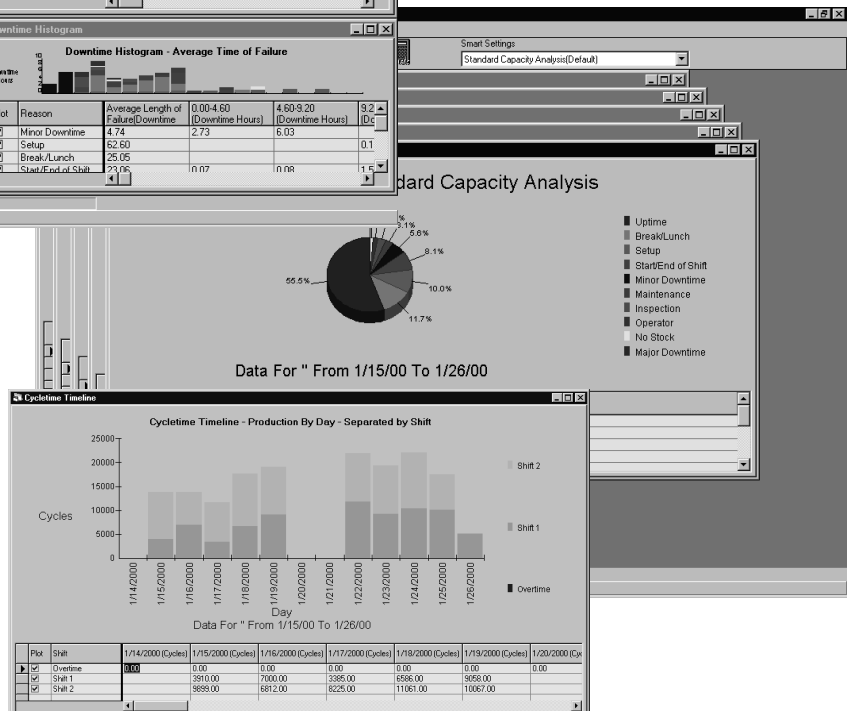
Downtime analysis

The Downtime Timeline gives an hourly trend Analysis of Downtime, with color-coded reasons for the downtime. The Downtime Histogram shows individual downtimes per length of failure time. Now you can find out what's causing downtime and why.

You decide what is major downtime and what is minor downtime. You also choose the possible reasons for downtime (part jam, low input hopper, etc.).
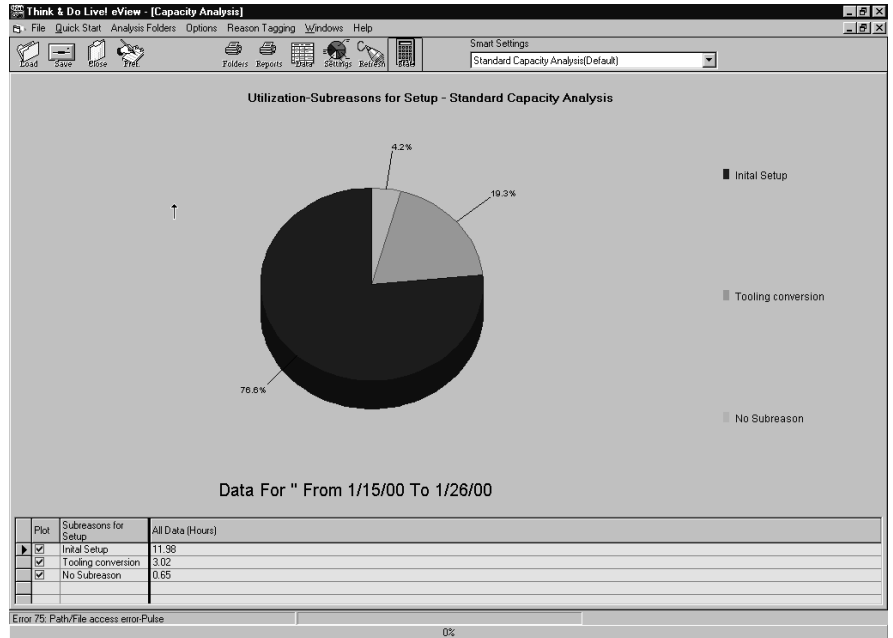
Reasons and Sub-reasons

Just click on a reason to display a breakdown of sub-reasons.
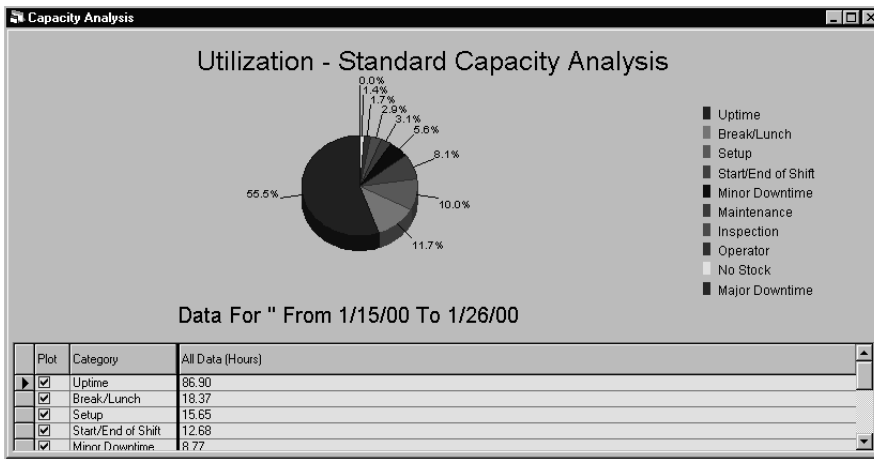
Capacity analysis

Capacity Analysis compares the actual production total to the system's theoretical maximum capacity.

Think & Do Studio's Analysis Wizard

Don't worry about any additional programming with eView. Just let the Analysis Wizard walk you through the steps to create a set of analysis folders!

	A	B	C	D	E	F	G	H
1	Date	Time	Uptime	Downtime	Cycles	Part	User Field	Shift
2	1/15/00	12:00:00 AM	0	0	0	None	None	Overtime
3	1/15/00	1:00:00 AM	0	0	0	None	None	Overtime
4	1/15/00	2:00:00 AM	0	0	0	None	None	Overtime
5	1/15/00	3:00:00 AM	0	0	0	None	None	Overtime
6	1/15/00	4:00:00 AM	0	0	0	None	None	Overtime
7	1/15/00	5:00:00 AM	0	0	0	None	None	Overtime
8	1/15/00	6:00:00 AM	0	0	0	None	None	Overtime
9	1/15/00	7:00:00 AM	0	0	0	None	None	Shift 1
10	1/15/00	8:00:00 AM	0	0	0	None	None	Shift 1
11	1/15/00	9:00:00 AM	0	0	0	None	None	Shift 1
12	1/15/00	10:00:00 AM	0.25	0.26722222	466	None	None	Shift 1
13	1/15/00	11:00:00 AM	0.416667	0.58333333	772	None	None	Shift 1
14	1/15/00	12:00:00 PM	0.966667	3.28E-02	1920	None	None	Shift 1
15	1/15/00	1:00:00 PM	0.283333	0.71722222	530	None	None	Shift 1
16	1/15/00	2:00:00 PM	0	1	0	None	None	Shift 1
17	1/15/00	3:00:00 PM	0.116667	0.38333333	222	None	None	Shift 2
18	1/15/00	3:00:00 PM	0.116667	0.38333333	222	None	None	Shift 1
19	1/15/00	4:00:00 PM	0.8	0.19944444	1527	None	None	Shift 2
20	1/15/00	5:00:00 PM	0.766667	0.23388889	1533	None	None	Shift 2
21	1/15/00	6:00:00 PM	0.466667	0.53277778	861	None	None	Shift 2
22	1/15/00	7:00:00 PM	0.983333	1.72E-02	2025	None	None	Shift 2
23	1/15/00	8:00:00 PM	0.5	0.49944444	1056	None	None	Shift 2
24	1/15/00	9:00:00 PM	0.483333	0.51722222	758	None	None	Shift 2
25	1/15/00	10:00:00 PM	0.75	0.24944444	1528	None	None	Shift 2
26	1/15/00	11:00:00 PM	0.2	0.80027778	389	None	None	Shift 2
27	1/16/00	12:00:00 AM	2.78E-04	0	0	None	None	Overtime

Export eView analysis data

Export your data to Excel or any other Windows spreadsheet for custom uses. If you prefer Microsoft Access, there's no exporting required, since your eView data is already in .mdb format!

Control how the data is displayed

If you want to view your data in a way different from the default, eView lets you customize nearly everything.