

P.P. Dept. Meeting March 25, 1958

Advance Product Planning  
Arrow Hunt & Hegeman

Completely integrated Data Processing System.

Long Range System Study, 1956-57 description of operating problems.

1. immediate old planning groups.
2. 5 years
3. beyond 5 years

a complete company study,  
2. working days to gather data.  
3 mos. to combine.

AH+H were picked out of 40 companies as a good representative Co.  
Hartford, Conn. Electric Co.

1. Products
2. Customers
3. Sales
4. Facilities
5. Personnel
6. Financial
7. IBM Plants

1. Control of accuracy
2. online & sched. operations control
- ...

System Characteristics 1963.

Report in 3 volumes

1. Full Coverage
2. Integration of Data Processing
3. Direct Data Service
4. Maximum Mechanization

1. Summary
2. Systems description
- 3.

remote terminals "conventional mode"

Inputs Reference Data Transaction Files Outputs

little in large amt out. ~158 diff. ones

Equip. Estimates	{	Random use	25,000,000 characters	0.1-0.2 sec
		Sched. use	100,000,000 "	1.0 sec
		History (1 year)	300,000,000 "	
		Programs	2,500,000	

Documents in 100/min  
Printing out 600 lines/min

New Problems:

- Record Retrieval
- Modularity
- Efficient System organization
- Multiprogramming control of on-line operations
- Serviceability
- Adaptability
- Better and Easier Programming
- "Accounting" Controls, Data reconstruction, System accuracy.

a committee formed:

- Product Planning (Head & Corporate) Bob Kern
- Marketing
- Product Development Pete Spatz
- Applied Programming
- Special Industries, all Schmit ?