

digital

INTEROFFICE MEMORANDUM

TO: Operations Committee

DATE: April 19, 1973

FROM: David Stone

DEPT: Software Engineering 12-2

EXT : 3741

SUBJ:

David

At Win's request I am presenting you with my current PDP-11 software product plans. The attached material represents an overview of -11 software and a total Software Engineering Budget proposal for FY74. I will discuss this with you on April 30.

(Additional, more detailed strategy information will be published between now and then as a continuing dialogue with the product lines.)

DS/jmab

Attachments

THE PROBLEM

BUILD A COMPATIBLE SET OF SOFTWARE WHICH SPANS A PRICE RANGE OF TWO ORDERS OF MAGNITUDE.

THE SOLUTION

- NO ONE SOLUTION
- BUILD A MINIMAL SET OF PRODUCTS WHICH SPAN THE MARKETS AND THE PRICE RANGE.

PDP-11 OPERATING SYSTEMS

	OEM	LDP	COMMERCIAL	COMPUTATION	IPG
LOW END (10K - 30K)					
PAPER TAPE	X	X			
CAPS-11	X	X			
RT11	X	X			X
**RSX-11A	X	X			X
MID RANGE (30K - 75K)					
**DOS	X	X			X
DOS/BATCH		X	X	X	X
RSTS-11			X	X	
**RSX-11B, C		X			X
MUMPS-11			X		
*RSX-11D SUBSET	X	X			X
HIGH END (75K - 250K)					
RSX-11D		X	X	X	X
RSTS/E			X	X	
MUMPS/45			X		
*BTS			X	X	

* BEING DEFINED

**PHASING OUT

PDP-11 LANGUAGES

FORTRAN

FORTRAN/11 - COMPLETE

FORTRAN/45 - JUNE 74

COBOL-11

LEVEL 1 - JANUARY 74

LEVEL 2 - JANUARY 75

BASIC

RSTS - COMPLETE

SINGLE USER - SUMMER 73

ALGOL-60

LIKELY CUSTOMER DEVELOPED

APL

LIKELY CUSTOMER DEVELOPED

RPG-11

COMPLETE

MACRO-11

COMPLETE

PL/1

INVESTIGATION

BLISS-11

BEING EVALUATED

SOFTWARE PRODUCT SHIPMENTS

	<u>INSTALLED BY</u> <u>FY74</u>	<u>INSTALLED IN</u> <u>FY74</u>
RSX-11A	10	100
RSX-11B, C	100	20
RSX-11D	30	220
RSX-15	60	40
DOS/BATCH	1,200	720
RT11	0	1,200
RSTS	200	240

F Y 7 4
A R E A S O F E M P H A S I S

TOTAL SOFTWARE PRODUCT

PLANNING
MONITORING
SUPPORT PLAN
EFFECTIVENESS EVALUATION

HARDWARE/SOFTWARE/SERVICE INTEGRATION

RP04 CONSULTING
ACCEPTANCE TEST PACKAGE
ERROR LOGGING CODING

MINIMIZE COMPONENTS

STOP DOS DEVELOPMENT
STOP MUMPS DEVELOPMENT
PHASE OUT RSX-11A, B, C,
COMBINE BASIC AND FORTRAN NEEDS

EXPLORE NETWORK OPPORTUNITIES

SOLVE KEY PROBLEMS

RSX-11D SUBSET

HIGH-END COMPUTATIONAL SYSTEM

COORDINATE PDP-11 SERVICES

DEVELOPMENT TOOLS

ENTRY LEVEL TRAINING

HARDWARE COORDINATION