

[Application Notes]

Fujitsu FLEXR Series Information Monitor

Problem and solution

■ Current operation

The FLEXR series—Fujitsu’s network management system, including FLEXR Plus, FLEXR-EM, and FLEXR-NM—detects and collects a rich variety of information such as equipment attributes and error information in real-time, while also providing an interface for managing network configuration and operating conditions. Network managers who use FLEXR must navigate a number of screen displays to complete routine network management tasks.

■ Problem

Network managers currently need to collect individual network equipment data from a variety of FLEXR screens when installing or managing equipment. When equipment is modified or removed at a given site, it is overly time consuming to navigate the appropriate screens to find and update management data. Also, since these revisions are input manually, they often contain incomplete, out-of-date, or inaccurate data. Thus some users have developed their own customized database list functions as a partial work-around.

■ Solution

Lucida Insight™ automatically collects and stores the most recent, accurate, and detailed data to create a single, at-a-glance spreadsheet view for network managers.

■ Result

Using Lucida Insight™ the time to update management data is significantly reduced since a network manager can display just the necessary data instantly without having to navigate across a variety of FLEXR screens. The displayed data is also the most recent and accurate for a significant increase in overall quality. In addition, new Lucida Insight™ router management functions now provide real-time connection status monitoring between FLEXR and the network, which is a much needed function not available prior to Lucida Insight™.

Spreadsheet sample

■ Inventory management spreadsheet for network equipment and cards

	A	C	D	E	F	G	H	I
1	<u>Card Inventory</u>							
2								
3	FLEXR EM System Name: EMS2							
4								
5	NE ID	Slot ID	Unit Name	Vender ID	Serial No.	Manufactured date	Primary State	Secondary State
6	FLX-600AR5S-01	SAM	SAM-3/FC9677SA31		03160	08/98	IS	ACT
7	FLX-600AR5S-01	ECM	ECM-DL/FC9677ECD1		01156	10/98	IS	ACT
8	FLX-600AR5S-01	HS-1-1	CHM-6/FC96771E11		03412	08/98	IS	ACT
9	FLX-600AR5S-01	HS-2-1	CHM-6/FC96771E11		03441	08/98	IS	ACT
10	FLX-600AR5S-01	PTM-19-1	PTM-1/FC9677PT11		09054	07/98	IS	ACT
11	FLX-600AR5S-01	PTM-19-2	PTM-1/FC9677PT11		08988	07/98	IS	STBY
12	FLASH-10G-01	HS1-CPU-1	CPU	FC9511CPU1- 10	00424	02/99	IS-NR	ACT
13	FLASH-10G-01	HS1-HUB	HUBU	FC9511HUB5- 02	00023	03/99	IS-NR	ACT
14	FLASH-10G-01	HS1-MX-1	MSXA	FC9511MXS2- 02	00039	06/99	IS-NR	ACT
15	FLASH-10G-01	HS1-MX-2	MSXA	FC9511MXS2- 05	02674	07/98	IS-NR	ACT
16	FLASH-10G-01	HS1-TR-1	TS	FC9511TD34- 01	00345	05/99	IS-NR	ACT
17	FLASH-10G-01	HS1-TR-2	TS	FC9511TD34- 06	00834	57/99	OOS-AUMA	UEQ
18	FLASH-MSX-R2-01	HUB	HEA2- MMMM	9999999999-99	00074	02/01	IS-NR	ACT
19	FLASH-MSX-R2-01	IFA2-1	IFA2-STM1E	FC9655CS11-02	00507	03/01	IS-NR	ACT
20	FLASH-MSX-R2-01	IFA2-6	IFA2-E1	FC9655CE11-02	00680	07/01	IS-NR	ACT
21	FLASH-MSX-R2-01	IFA2-7	IFA2-STM16S	FC9655CL61-02	00029	03/01	IS-NR	ACT
22	FLASH-MSX-R2-01	IFA2-8	IFA2-W12	FC9655CW11-01	00486	04/01	OOS-AUMA	UEQ
23	FLASH-MSX-R2-01	IFA2-9	IFA2-W13	FC9655CW11-02	00534	04/01	OOS-AUMA	UEQ

■ Network performance management spreadsheet

