

# Windows

JeffChild Electronic Design

가

I/O

IT

가

Natick VDC(Venture Development Corp)

VDC(Venture Development Corp)

"Global Markets and User Needs For Industrial Distributed/Remote I/O"

Ethernet

가

Ethernet

IT

PC mable logic controller

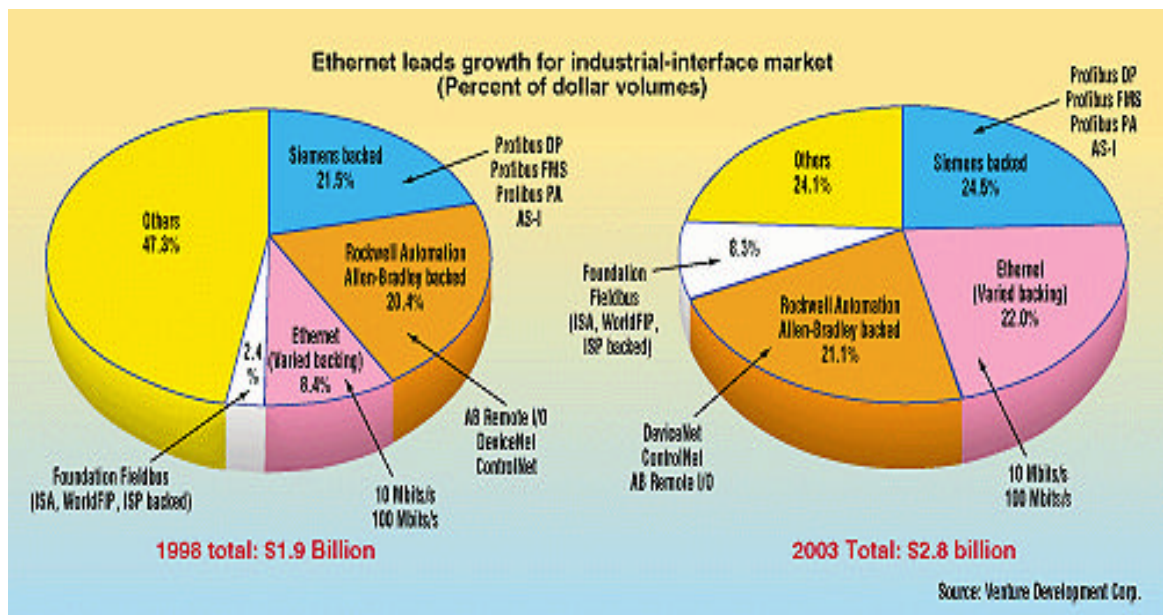
PLC(program-

I/O ( 1. ).

가가

embedded

I/O



1. Ethernet leads growth for industrial-interface market

AB Remote I/O, AS-I, ControlNet, DeviceNet, Ethernet(10 Mbits/s 100 Mbits/s), Firewire Foundation Fieldbus, Genius Lan, Hart, Honeywell DE, Interbus -S, LonWorks, Modbus, Profibus (DP, FMS, PA) Seriplex (RS -232, -422, -485)

(backplane)

PEP Modular Computer Inc. VPFB ( 2. ).

Siemens ASPC-2 Profibus 3U VME



2. 3U VME

FMS, DP Profibus 12-Mbaud Profibus 68360 가 DP

VDC

, Profibus -DP 2003 , AB Remote I/O Rockwell Automation Allen-Bradley PLC DeviceNet ControlNet ( Allen-Bradley )

DeviceNet ControlNet Allen-Bradley가 Open DeviceNet Vendor Association(ODVA) ControlNet International Ltd.가

AB Remote I/O Rockwell Automation Allen-Bradley PLC

가 Ethernet I/O 3

2003 Profibus DP

Ethernet IT 가

Ethernet 가

, 10Mbit/s Ethernet 100 Mbits/s

Ethernet 100  
Mbits/s 10 Mbits/s

PC

. embedded

Agranat Systems Inc.

Mark Taylor “

100Mbit Ethernet

가

Ethernet

IT

Windows NT

. Microsoft가

가

VenturCom

HRT(hard - real-time)

. Intellution

PLC

embedded

SoftLogic

PC

Paradym -31

Paradym -31

SoftLogic

(

PLC )

embedded PC

Microsoft Windows NT

. Paradym -31

Windows NT

가

PC

가 Microsoft Windows NT

Windows NT

Windows NT

가

가

가

가

. VenturCom

Myron Zimmerman “

Windows

가

NT/PC based

Windows

가

가

Zimmerman “가 IP  
 Agranat RS-232  
 ( NT CE RS-232 가 ).  
 Taylor “ RS-232  
 가 CE NT Ethernet  
 ,  
 .” RS-232  
 IT  
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 e-commerce가 ” embedde  
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 EmWeb embedded TCP/IP  
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 e-commerce가 XML(eXtensible Markup Language)  
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TEL : 02)3452-5913/563-6200( 311)

FAX : 02)561-5913

Email : [kpa@profibus.co.kr](mailto:kpa@profibus.co.kr)