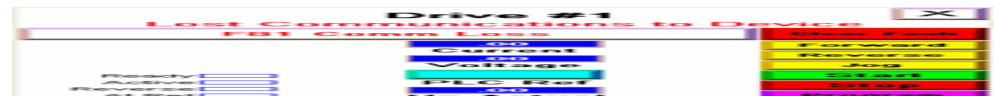




The Value of Connected Components: Solutions Overview and Lab

Peter Bell
Product Manager



Agenda

1. Connected Components Overview

2. CCBB DVD – Walk Through

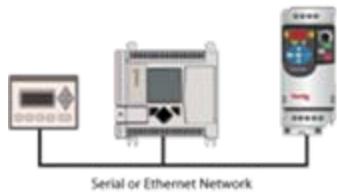
3. Q&A

4. Lab

Rockwell Machine Control Solutions

Essential Components

Connected Components



MicroLogix

PanelView Component

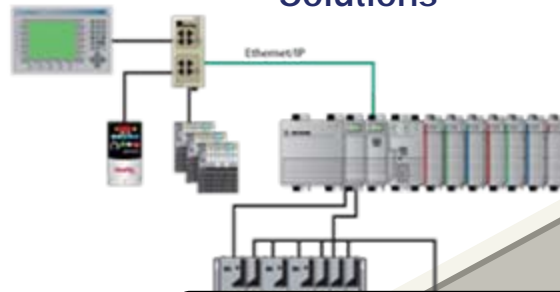
PowerFlex 4xx

Low cost

Just enough control

Integrated Architecture

Compact Machine Solutions



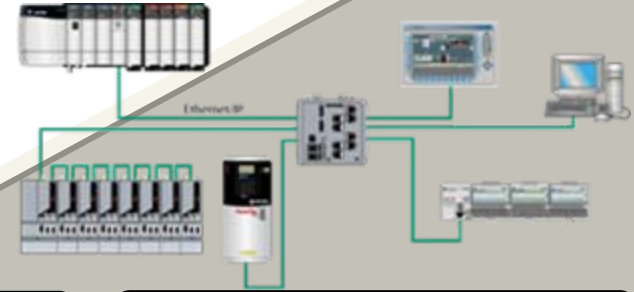
CompactLogix

PanelView Plus (CE)

PowerFlex 7xx

Kinetix

Advanced Machine Solutions



ControlLogix

PanelView Plus (CE)

PowerFlex 7xx

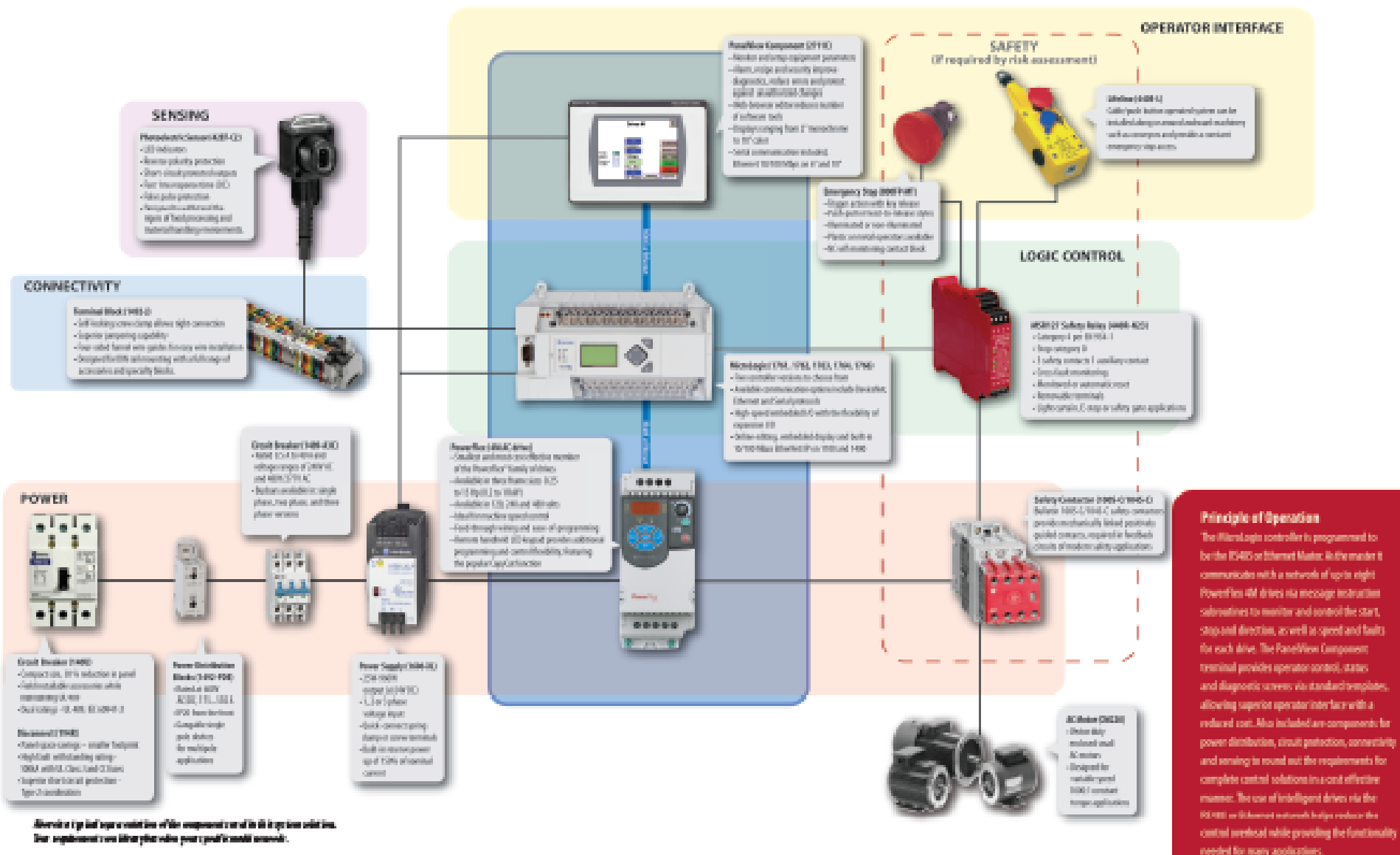
Kinetix

Integration Continuum

Broadest offering available for Machine Builder (OEM) needs

Connected Components - More than one component

CONNECTED COMPONENTS FOR SIMPLE SPEED CONTROL



Connected Components “Building Blocks”

Provides a set of tools to accomplish common machine tasks. The CCBB will reduce time and costs by aiding in:

- Product selection
- Panel layout
- Wiring design
- Programming design
- HMI design
- Startup
- Maintenance

Accelerator & Building Block tools

Example HMI screens provide status, control and diagnostic capabilities to reduce start-up time and downtime as well as support costs.

Example control programs provide best practice routines to control, monitor, diagnose and communicate.

Panel Layouts and Wiring Diagrams in AutoCAD Electrical reduce the time needed to design and document a panel by up to 62%.

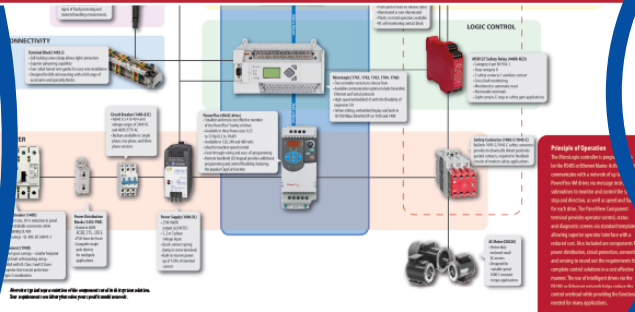
“Control Component Building Blocks provide the flexibility you can count on making your machine the best in the market!”

SIMPLE SPEED CONTROL
Specialized control components make complex applications...
SOLUTION SPECIFIC ADVANTAGE
• Control and monitor the fan speed to optimize the fan blade angle...
• The monitoring and control components make it ideal for single and multiple drive applications...
• Easy to set up and commission through the provided HMI screen...
• Single programming allows for the continuous location...
• Remote performance and reliable system design...
• Full commissioning tool.

PRODUCTS
• 1 Motor
• 1 Motor
• 1 Motor
• 1 Motor

REPAIR PARTS
• 1 Motor
• 1 Motor
• 1 Motor
• 1 Motor

Rockwell Automation



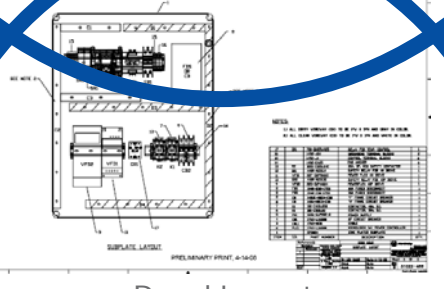
Quick Start

Rockwell Automation

Brochure or Application Brief

Product ID	Description	Qty	Unit Price	Multiplier	Each Price
1	1763-1ABR04	1	\$1,567.00	1.0000	\$1,567.00
2	226-RDP3004	1	\$2,750.00	1.0000	\$2,750.00
3	AK-UD-R45-T8P	1	\$2,200.00	1.0000	\$2,200.00
4	271-PC-K2M	1	\$2,200.00	1.0000	\$2,200.00
5	1763-AC01	1	\$400.00	1.0000	\$400.00
6	CAD01-WF331BAZCA	1	\$380.00	1.0000	\$380.00
7	MOE-XLP100	1	\$2,200.00	1.0000	\$2,200.00
8	794R-AC00014	1	\$2,200.00	1.0000	\$2,200.00

System Drawing



Panel Layout



Lost Communications to Device

F81 Comm Loss

Ready

Active

Reverse

At Ref

Clear Fault

Forward

Reverse

Jog

Start

Stop

Program

PLC Ref

Current .00

Voltage .00

PLC Ref .00

HMI - Control, Status & Diagnostics

Quick Start Guides provide the specific info needed to use the Building Block tools without digging through piles of manuals.

The System Drawing is used in the Application Profile and elsewhere to provide a starting point for system design.

The Application Brief outlines the BB capabilities, where to use the BB and provides an overview of the components needed by the BB system.

Wiring Diagram

Control Program (Confidential - For Internal Use Only)

CCBB DVD enhancements

- DVD currently includes 20 Building Blocks with 10 more planned for 2010.
- DVD includes FREE programming software for:
 - MicroLogix 1000/1100 ([RSLogix Micro Starter Lite](#))
 - Panelview Component Offline Development ([PVc Emulator](#))
 - PowerFlex Drives ([Drive Explorer Lite](#))
 - Ultra Servo Drives ([Ultraware Lite](#))
 - DeviceLogix ([RSNetWorx for Devicenet - Up to 6 nodes](#))

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Thank you for participating!

Please tidy up your workstation
before leaving.

