



Making the Best Choice Between Multiple Sources

SEL Centralized
Distribution Automation



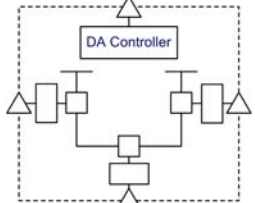
MAKING ENERGY POWER SAFER, MORE RELIABLE, AND MORE SUSTAINABLE

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We Want Systems to Perform “Best Choice” Automatic Reconfiguration

The SEL DA Control System

□ Breaker
□ Relay
△ Radio



Data Can Paint the Picture

Put the Data to Work



Control You Can Trust



SEL-3351
SYSTEM
COMPUTING
PLATFORM

12 14 15 16 PORTS
TXD
RXD

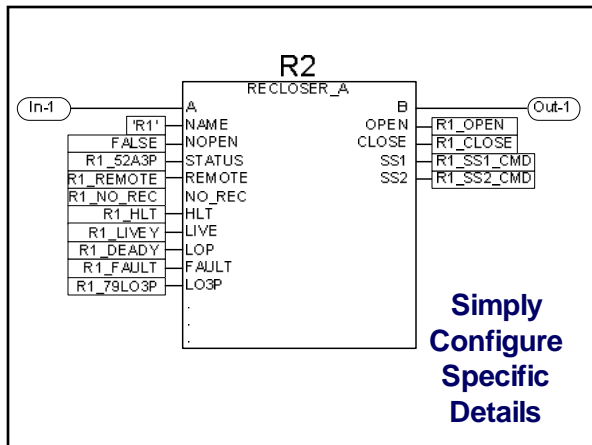
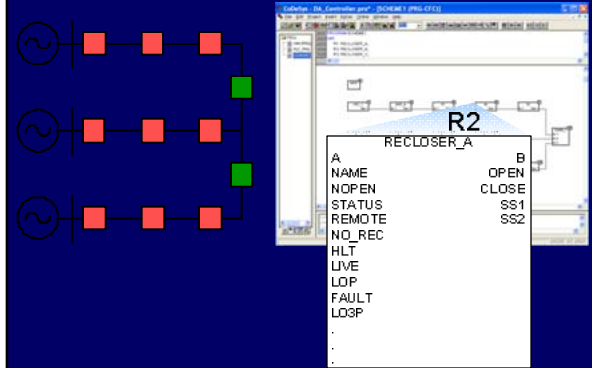
POWER
ALARM

SEL
SCHWEITZER
ENGINEERING
LABORATORIES
P.O. BOX 1000000
OVERLAND PARK, KS 66208

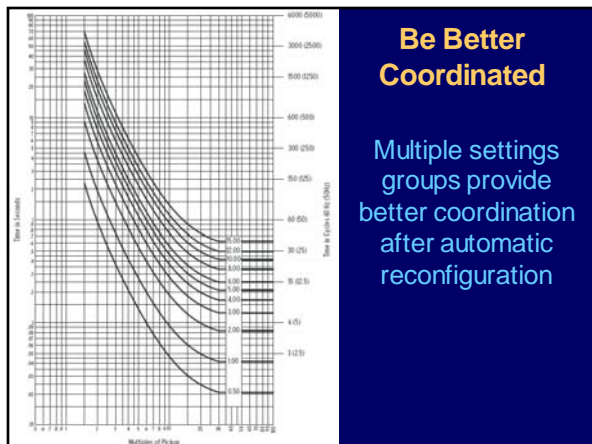
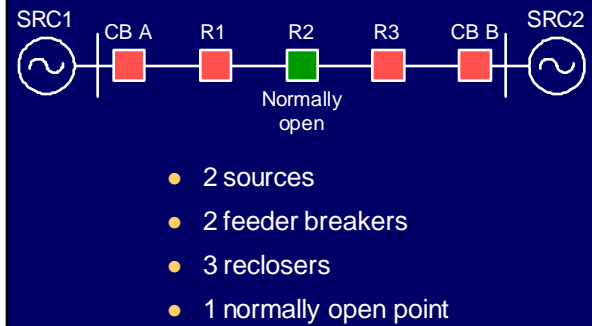
At the Heart of a DA System



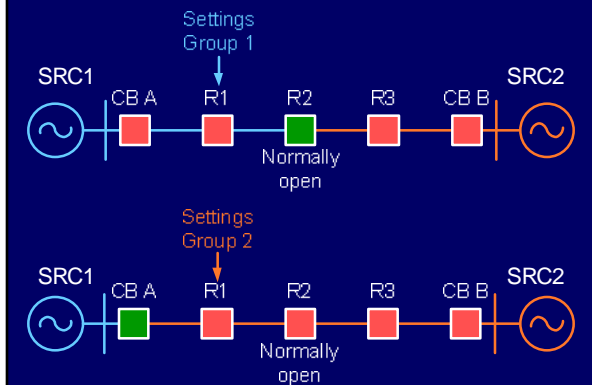
Easy to Configure!



Configuration Example

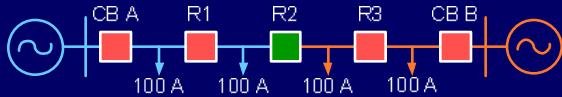


Preserve Coordination

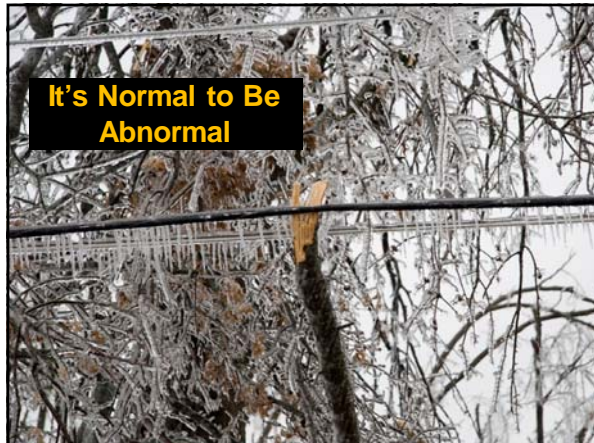
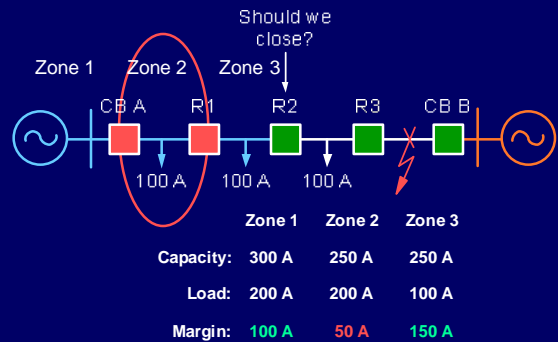


Guard Against Overload

- Equipment ratings
 - ◆ Transformers
 - ◆ Switching apparatus
- Conductor sizes
 - ◆ Vary throughout network
 - ◆ Consider loading results for all zones

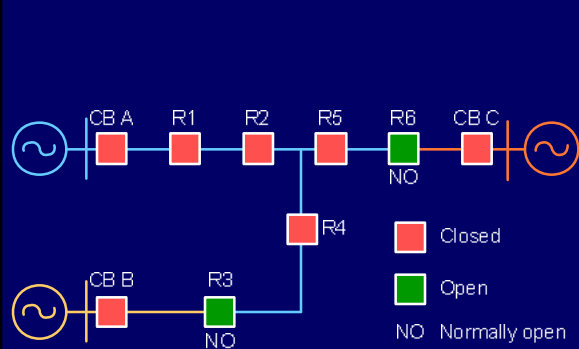


Margin = Capacity – Load



Let's Walk Through a DA Sequence Example

Normal Configuration



Fault Detected

