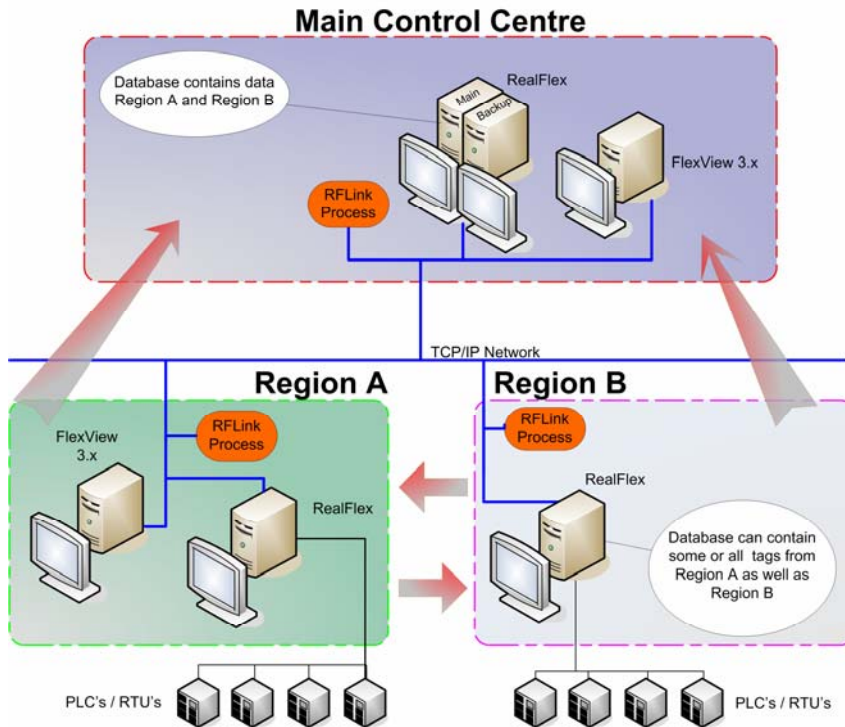


## MONITORING MULTIPLE SITES FROM A CENTRAL LOCATION



- ✓ **Reduced Costs**
- ✓ **Increased Efficiency**
- ✓ **Secure Connectivity**
- ✓ **Easy Implementation**
- ✓ **Centralized Configuration**
- ✓ **Distributed Monitoring and Control**
- ✓ **Clusters can combine RealFlex 4 and RealFlex 6 systems**

### 1 Control Centres Monitor Data From Regions

RFLink for RealFlex allows a company to monitor and control multiple regional centres from one control centre. It provides an efficient, secure and flexible method of connecting multiple RealFlex Control Centre locations to a central location.

### 2 Regional Centres Share Data

Regional SCADA systems can share some or all of their databases with each other. One region can also control a neighbouring region if required. Complete databases or just sections of a database can be shared between systems to allow monitoring, control, information/control tags and alarm acknowledgement to be done from either system. This allows one region to be monitored by a neighbouring region when for example a regional operator is unable to work.

### 3 Easy Configuration

The system is very flexible in configuration and automatically creates and maintains databases. This represents cost savings in administration and maintenance of large complex systems. Customer can configure system to allow/disallow controls, alarms etc. for the remote database. This allows the customer to configure the systems to suit their individual needs.

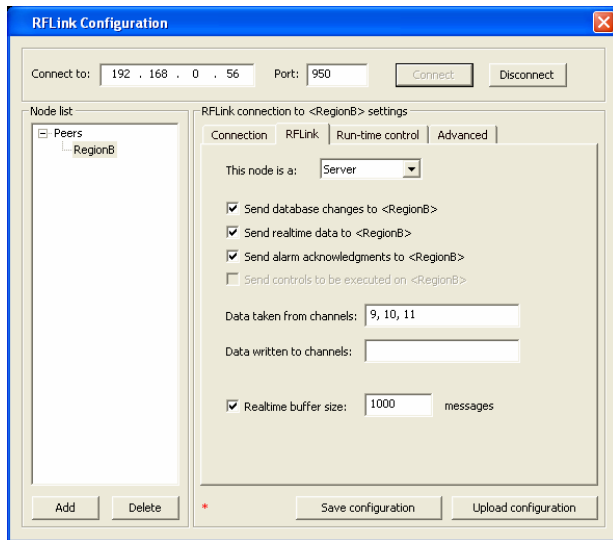
### 4 Low Bandwidth Communications

Efficient use of communications bandwidth is achieved by passing only changes between the systems. All data changes are transferred immediately to insure even small fleeting changes are not lost and it also minimize bandwidth usage and allow large systems to be interconnected with maximum efficiency. RFLink uses using standard TCP/IP for communications on LAN's, WAN's, internet or PPP.

# RFLink for RealFlex

## 5 Handle Communication Outages

RFLink can buffer messages in the event of a communications failure, so that once the connection is re-established the events are transmitted to the server and no data is lost.



**RFLink Configuration**

## 6 Automatic Database Creation and Synchronization

Remotely monitored database is automatically created in the local system to minimize setup and configuration time, and to guarantee integrity of the databases.

### Main Features:

- Secure encrypted communications
- Redundant network support
- Distributed Architecture
- Efficient transfer of data between RealFlex Servers
- Automatic database creation.
- Automatic database synchronization
- Transfer database selectable by channels
- TCP/IP communications
- Message buffering to handle temporary communications failures.
- Monitoring of buffer size for bandwidth monitoring.
- Configurable transfer of:
  - Real-Time Data
  - Controls
  - Alarm acknowledgement
  - Time Synchronization

## About RealFlex Technologies

RealFlex software provides customers with secure SCADA software. Our flagship product RealFlex 6, runs on the QNX operating system while a range of additional software gives the customer a large degree of flexibility on their system.

Servicing the SCADA market worldwide since 1982, RealFlex software is used by customers in more than 40 countries.

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