

The Virtual Process News Letter

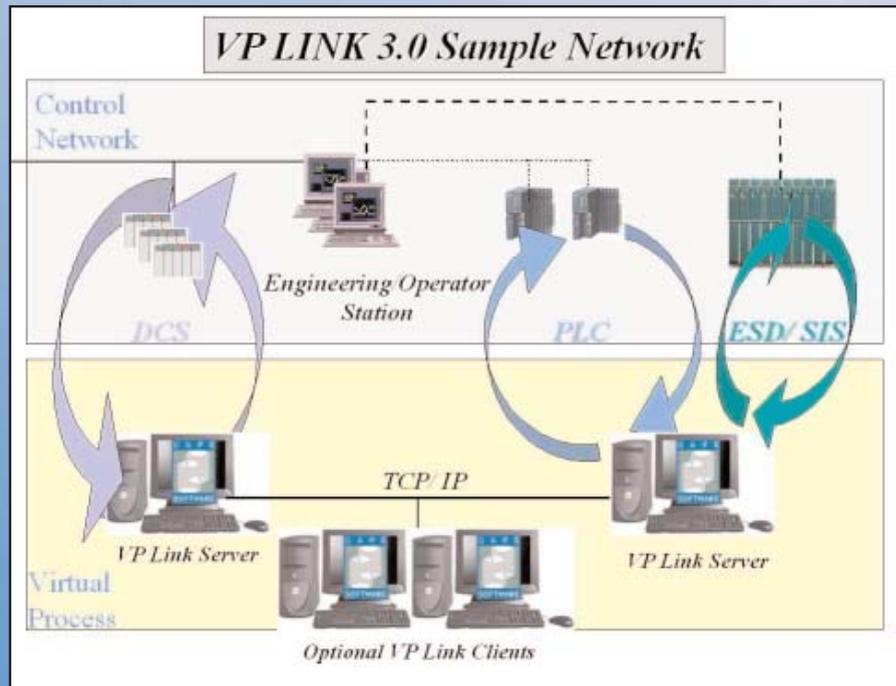
Fall 2003

CAPE SOFTWARE

VP LINK 3.0 Released !

The latest release of VP Link is available now, and offers several major improvements. The sample network below illustrates how VP Link can be implemented on your project.

With this new release, VP Link takes a leap forward, as it implements a true client/server architecture, achieving a greater flexibility on the staging area or during operator training.



SUPPORTED SYSTEMS

Honeywell SafetyManager
 Honeywell FSC
 Honeywell TPS
 Honeywell Plantscape
 Honeywell Experion/ PKS
 Foxboro I/A Series Systems
 Foxboro A²
 Siemens-Moore APACS
 Triconex, Trident
 Fisher Provox
 Emerson Process DeltaV
 Siemens S5/S7
 Bailey F&P System 6
 ABB IMS Advant
 ABB Mod 300
 ABB Industrial IT
 GE PLC 90 series
 GE Machine Edition PLC
 Modicon 984 / Quantum
 Rockwell Process Logix
 Rockwell Control Logix
 Rockwell AB PLC5/SLC 500
 RTP 2xxx series
 Yokogawa Centum
 Yokogawa Stardom R3
 OPC compliant server

Cape Welcomes ...

The Automation group - Houston, TX
 Air Liquide- France
 W-Industries - Houston, TX
 Los Alamos Labs - Los Alamos, NM
 Honeywell - France
 Exxon-Mobil - Joliet, IL
 Kimberly-Clark- Australia
 Roche Vitamins - Belvidere, NJ
 Tetrapak - Sweden
 AE Solutions - Greenville, SC

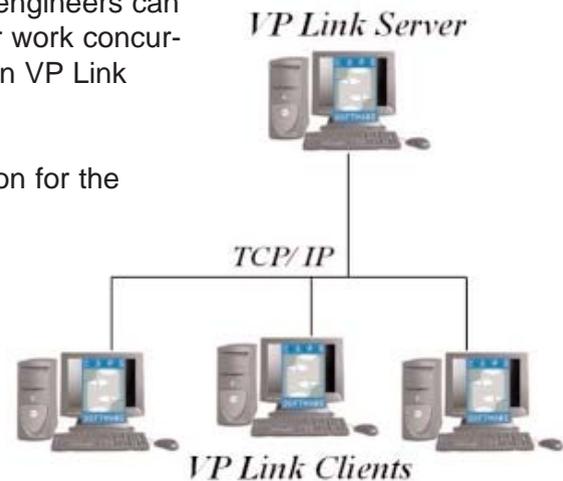
The Virtual Process Newsletter
 is published for the benefits of
 users of VP Link.
 Edited By Cedric OUDINOT

VP Link 3.0 : Application Overview

The latest release of the **Virtual Process** is available now.
 So what is so different ?

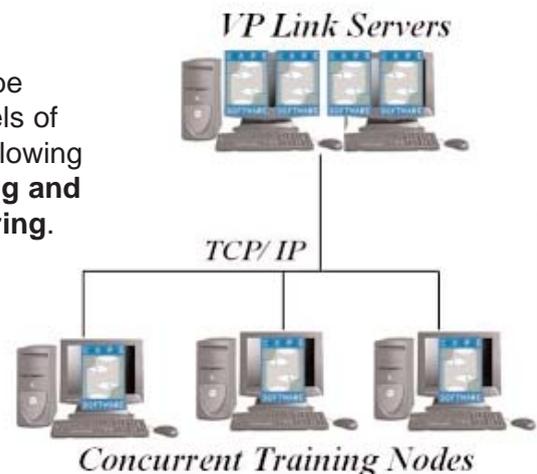
A true **Distributed Simulation Environment** is more flexible and adaptive as several engineers can test and validate their work concurrently, using a common VP Link database.

It is the perfect solution for the Staging area.



Multiple VP Link servers can be running on the same host, allowing users to operate **simultaneously** on different plant areas.

The servers can also be running identical models of the same plant area, allowing for **concurrent training and performance monitoring**.



VP Link 3.0 : Technical Facts

Platform

Starting with the new 3.0 version, **VP Link** can run on windows **NT/2k/2003/XP**, **Linux** and **Solaris**

Database

The new **VP Link** database format is now **XML**, to facilitate the integration of your training node data within your data-mining applications and databases.

Architecture

VP Link is now based on true **64 bit** technology, though 32/16 bit interfaces are still available for backward compatibilty.

Programming Interface

The **VP Link** architecture is more open than ever, based on **COM / DCOM / XPCOM** technology. Multiple native programming interfaces (**VB**, **Java**, **Javascript**, **Perl**) makes **VP Link** highly customizable and facilitates integration with corporate applications

Graphic User Interface

Multiple Graphic user interfaces are now available, including :

- **Toolbook** Instructor 8.x
with Integrated Course Management System
- **Visual Basic**
- **HTML** , using any browser application
- **Java** , **Perl/Tk**

VP Link 3.0 is an entirely new Process Modeling Environment, implementing multiple leading edge software technologies.

VP Link 3.0 is backward compatible with older VP versions, hence making your simulation files upgrade totally seamless.

VP Link 3.0 is faster,more powerful and even more flexible than before while maintaining its ease of use and competitive price advantage.

Other Cape Software Products

Our sense of innovation is focused on making the tools to accommodate our customers simulation requirements, resulting in a broader offering in products and services. Below are some of our latest solutions to respond to your simulation needs.

TEST COMPILER - connects to any major ESD (FSC, Triconex, Quadlog...), automatically run series of tests based on customer cause and effect matrix or other test plan, and documents any discrepancies in log files.

Stores the resulting documentation in **HTML** format.

Complies with **IEC 61511** and **61508**, **S84** and **TUV** Software related Testing.

for more details, visit :

http://www.capesoftware.com/docs/TC_Flyer.pdf

ESD TrendCorder - connects to any major ESD (FSC, Triconex, Quadlog...) and provides a sub-second Real Time data recorder with trending capabilities.

Data sets logs can be events triggered, or recorded continuously.

The logged data sets are stored in **XML** format, to comply with the most recent data mining applications.

for more details, download :

<http://www.capesoftware.com/docs/TrendCorder.pdf>

LFNGEN / GASGEN - Liquid Flow Network Generator/Gas Flow network Generator. Spreadsheet interface to easily generate a VP Link simulation for the most complex networks, requiring a true simultaneous solution.

A diagram of the network is generated for easy visualization of the model nodes and connections.

for more details, download :

<http://www.capesoftware.com/docs/LFNGen.pdf>