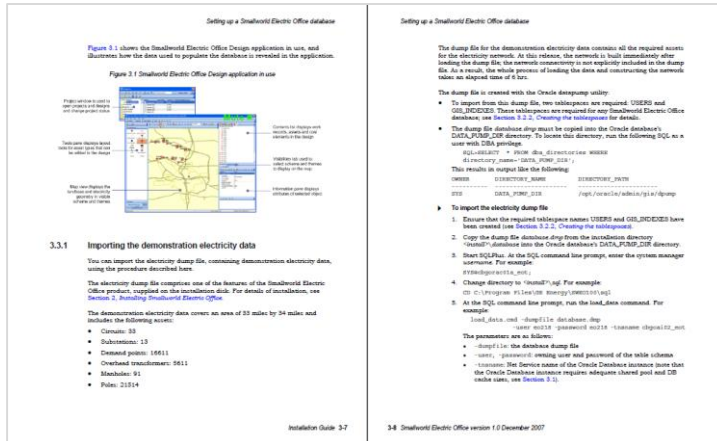


## Technical documentation



- For developers, system integrators, designers and engineers
- Code and interface level details
- Descriptions of both physical and logical systems and components
- Describe schemas, scripts, processes, architectures and application flows
- Document protocols, interfaces and parameters
- Standards compliant

# Professional desktop publishing



- Adobe FrameMaker
- InDesign
- Microsoft Word

Output to PDF, print, html, xml,  
compiled help and other  
formats

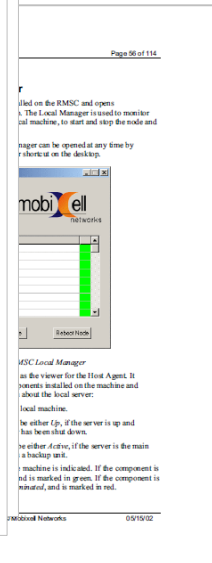


## MobiXtar™ Rich Media Service Center (RMSC)

### Operator's Guide Version 2.0

## Professional layout and information design

- Information is targeted at the level of the user
- Easy to navigate and find key information
- Topics are clearly organised and sign-posted
- Headers, footers, contents, glossary and Index are used to aid searching of information
- Presents information that users need in order to carry out key tasks



## 7.2. Node Agent

The RMSC Node Agent (NA) is the management communication center of the system, serving both as the management traffic concentrator and node manager. The Node Agent is the front end of the RMSC with regard to the EML interactions.

The node agent performs the following functions:

- Concentration of interfaces to the EML
- Export of multiple management interfaces, including SNMP, RS-232 (CLI), Telnet (CLI), HTTP and socket connection
- Handling of the main application management information base (MIB)
- Handling of application users (profile handling, authentication and authorization, event dispatching, etc.)
- Handling of application software versions and configuration versions

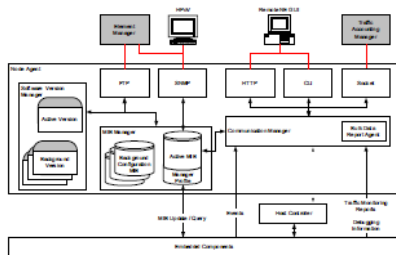
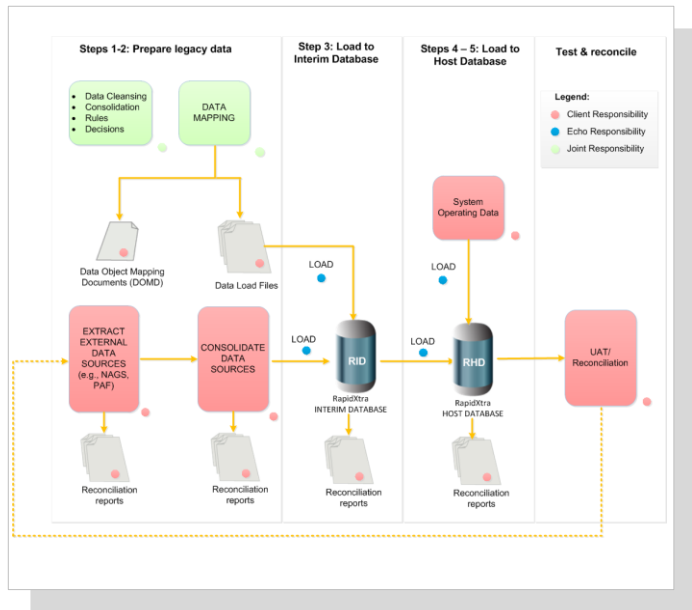


Figure 20. RMSC NA block diagram

## Comprehensive and detailed technical descriptions

- Technical details and procedures broken down into easily manageable chunks
- Clear and easy to read
- Presents information in a way your users will understand
- Text accompanied by screenshots and diagrams to aid user understanding



## Flowcharts and diagrams

- Present complex information in a simplified, visual format
- Describe procedures and processes
- Show relationships between components
- Focus user attention on key aspects

### 5.3.1 Training the Index position and aligning the MPS Z-Head

1. Stand well clear and turn on the power for the first time; if the plug is in the correct connector the centrifuge will not turn on the motor.
2. Press the Run/Stop toggle button to initialise the rotor to the Index position.
3. Using the Up/Down arrow buttons, adjust the desired vial cup index position for alignment with the MPS Z head.
4. Press Run/Stop again to check the current index position.



Figure 12: CF-100 Front panel selection buttons

#### RECOMMENDED:

For left-hand mounting the cup should be located in the South East position with an index position of approximately 109.

For right-hand mounting the cup should be located in the South West position with an index position of approximately 79.

These positions allow maximum accessibility and reliability for magnetic vial transport.

3. Using the MPS keypad, train the Tray Holder - CentHldr position X, Y and Z settings to align with the top of the cup with the desired type of vial in place. Note that training is accomplished without the ALEX gripper installed.

## Detailed Photos and Instructions

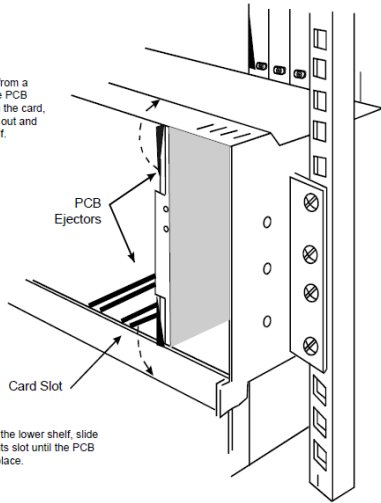
- Complex tasks broken down into easily manageable steps
- Comprehensive step-by-step procedures
- Use of screenshots and photos with callouts to aid understanding
- Use of examples and default or recommended settings

## Technical Illustrations

- Simplify the installation of complex components
- Provide internal, 3-D views
- Zoom in detail on components
- Callouts to focus on key installation components and steps

Diagrams using Visio, Adobe Illustrator or updates to your existing CAD drawings. Output to multiple formats.

To remove a card from a lower shelf, pull the PCB ejectors away from the card, then slide the card out and away from the shelf.



To install a card in the lower shelf, slide the card back into its slot until the PCB ejectors click into place.

*Figure 10-2. Inserting a Main Hardware Card*

## SDK's and API reference guides

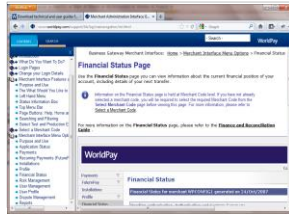
- Documentation for software developers and system integrators
- Illustrate syntax and arguments
- Provide descriptions and code examples
- Indicate optional and mandatory parameters

**Software development kits**  
**API reference guides**  
**Developer guides**

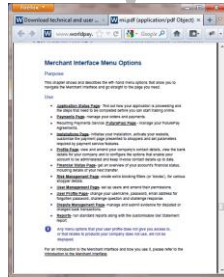


## Single source – multiple output formats

Content management  
solutions to provide  
multiple output formats  
from a single source  
document



- Online Help



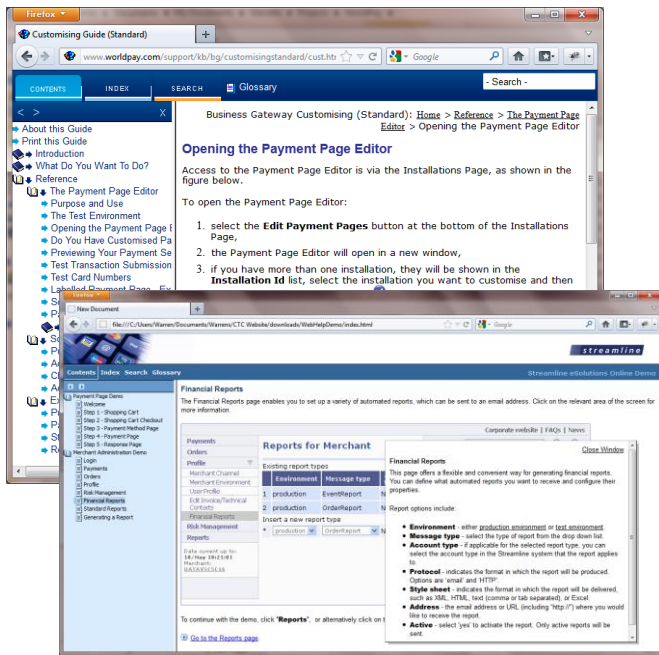
- PDF



- Website



- Mobile/tablet PC



## Online help and mobile formats

Design for usability and retrieval of information:

- Context-sensitive help
- Popup and secondary windows
- Graphic hotspots
- Browse sequences
- Table of contents, search, index and glossary
- Breadcrumb trails

Using professional tools, such as RoboHelp, Forehelp and Doc to Help.

## Online Documentation portals or microsites

The Economist Group Documentation Microsite

Home | Developer Guides | CWP Component Guides | Useful Links | Contact

Enter a search term:

**Welcome to the Documentation Microsite**

This site is intended as a resource for new developers in the Digital Media team to provide you with the information you need to get started at the Economist Group.

**What would you like to do?**

- [Get an overview of the CWP architecture and development components](#)
- [Find out about the digital tree and how to create tags on the tree](#)
- [Learn about the development process and procedures that developers are expected to follow](#)
- [Learn more](#)
- [View a list](#)
- [Find out more](#)
- [Find out more](#)
- [Find out more](#)

**Quick Links**

- Coding Standards
- Testing Checklist
- Subversion Quickstep
- Troubleshooting
- Glossary

**NOTE:** The guide is available at [www.root/docs](#), please contact [root@economist.com](#) for more information.

**Enterprise Framework**

The following framework is used by the Economist Group:

Copyright © 2007 Economist Group

**Developer Guides**

This section provides links to the developer guides.

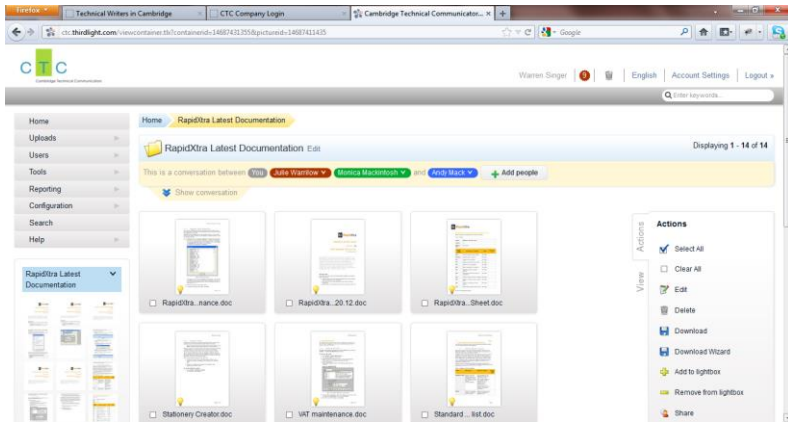
**When you First Start**

Read these guides first, to get an overview of the Economist Group websites, processes and development components.

Guide	Description
<a href="#">CWP Overview Guide</a>	Provides an overview of the components of the Common Web Platform and key elements that constitute the websites and related Economist Group systems.
<a href="#">Software Development Kit (SDK) Guide</a>	Provides detailed information about development on the Common Web Platform.
<a href="#">Development Procedure Guide</a>	Describes development procedures, work processes, team structures and how to be a developer at the Economist.
<a href="#">Database Overview</a>	Provides an overview of the databases.

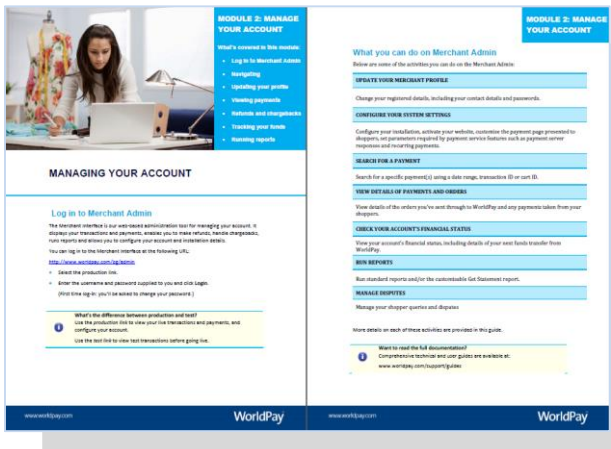
- Search facility and aides to finding documents
- Navigation and menu options for rapid location of key information
- Quick links for easy access
- Tabularised presentation of information for easy browsing and listing of documents
- Cascading style sheet implementation for rapid branding and graphic customisation of the user interface

## Secure, online documentation library



- Access drafts and project files on a secure, centralised online library
- Sophisticated metadata and search features to find your files
- Send drafts and messages via the online system
- Control user access to your files
- Control download options
- Multiple output formats at a single click


## Task-based design



- Information designed around your users needs
- Help users to complete key tasks and work more effectively
- Troubleshooting and problem solving of common issues
- Reduce the level of calls to your technical support and customer service teams



## Modular approach



**WORLDPAY WELCOME PACK**

Inside this pack you'll find the information you need to help you start trading online with WorldPay

What's included:

- Key features and information you will need to know about your account and connecting to WorldPay
- Pointers and tips on issues that typically generate queries
- Plenty of examples and illustrations

www.worldpay.com WorldPay

What's in this welcome pack:

PART 1 - GOING LIVE WITH WORLDPAY

- MODULE 1 Welcome to WorldPay
- MODULE 2 Managing your account - overview
- MODULE 3 Connecting to WorldPay
- MODULE 4 Customising your Payment Pages
- MODULE 5 Testing and Going Live
  - ✓ WHAT HAPPEN NEXT?
  - ✓ WEBSITE RULES
  - ✓ HOW IT ALL FITS TOGETHER

PART 2 - MANAGING YOUR WORLDPAY ACCOUNT

- MODULE 6 Managing Risk
- MODULE 7 Managing your transactions
- MODULE 8 Generating Reports
- MODULE 9 How we Pay you - and our charges
- MODULE 10 WorldPay's additional services

www.worldpay.com WorldPay

- Design documentation around user workflows
- Complex systems presented in easy to manage modules
- Change and update modules independently
- Present customers with the modules they need

## Dynamic and engaging content



- Present content that is attractive and interesting to readers
- Three-dimensional product views
- Fresh and vibrant images
- Key content
- Understand your core concepts 'at a glance'

## Data Discovery

CTC  
Cambridge Technical Communications

Section 1: Business information | Section 2: Technical information

Section 1: Business application data collection

Click here for help completing this form

CTC  
Cambridge Technical Communications

Section 1: Business information | Section 2: Technical information

Section 2: Application technical information

Please use this form to add your application technical details to the migration application management database.

Select application: Application 1

Server details

	Production:	Test:	Development:
Server Name:	<input type="text"/>	<input type="text"/>	<input type="text"/>
Function:	<input type="text"/>	<input type="text"/>	<input type="text"/>
Primary IP address:	<input type="text"/>	<input type="text"/>	<input type="text"/>
Secondary IP address:	<input type="text"/>	<input type="text"/>	<input type="text"/>
Server type:	Physical	Virtual	Physical
Server location:	data centre/room/	data centre/room/	data centre/room/

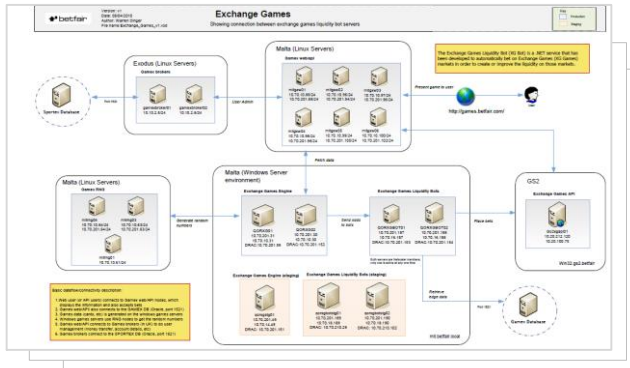
Upstream and downstream components

Vendor name:

- Document your IT systems and applications
- Describe business and technical workflows
- Network, system and enterprise architecture
- Connections to third party systems
- Upstream and downstream connections
- Organisational hierarchies
- Location of company assets



## Technical diagrams and flowcharts



- Document key architecture and system components
- Explain software processes and relationships
- Describe your network setup and solutions
- Support your application designers, business analysts and system architects

## Interactive checklists & questionnaires































A		B		C	D	E	F	G	H	I
1	Server Name									
2	Description/role									
3	Applications installed									
4	Domain/workgroup	Select								
5	Server type	Select	Select	Configuration						
6	OS version	Select	Select	Bits	Select	Service Pack				
7	OS edition	Select								
8	Builder									
9	Build Date									
10	Reviewer									
11	Review Date									
12										
13	Item	Base Build Checklist	Builder	Comments	Reviewer	Comments	Status			
14		<b>Pre-build checks</b>								
15	1	Checked for "Predicted failure on Disk" from BIOS <sup>1,4,5</sup>	<input type="checkbox"/>		<input type="checkbox"/>		PASS			
16		<b>General</b>								
17	2	Local Administrator password set	<input type="checkbox"/>		<input type="checkbox"/>		PASS			
18	3	Local Administrator account disabled	<input type="checkbox"/>		<input type="checkbox"/>		PASS			
19	4	Local Admin user account created	<input type="checkbox"/>		<input type="checkbox"/>		PASS			
20	5	Local Admin user account password set	<input type="checkbox"/>		<input type="checkbox"/>		PASS			
21	6	Officer member of local Administrators group	<input type="checkbox"/>		<input type="checkbox"/>		PASS			
22		<b>Disk configuration</b>								
23	7	Disk mirrors created <sup>6</sup>	<input type="checkbox"/>		<input type="checkbox"/>		PASS			
24	8	Separate volume created for data (for PCI servers) <sup>7</sup>	<input type="checkbox"/>		<input type="checkbox"/>		PASS			
25		<b>Network connections</b>								
26	9	NICs renamed to reflect purpose	<input type="checkbox"/>		<input type="checkbox"/>		PASS			
27	10	IP / GW / DM / DNS entered	<input type="checkbox"/>		<input type="checkbox"/>		PASS			
28	11	Port Enabled on all NICs	<input type="checkbox"/>		<input type="checkbox"/>		PASS			
29	12	RDP Enabled	<input type="checkbox"/>		<input type="checkbox"/>		PASS			
30	13	Remote/SU/DRAC card configured and given standard username and password <sup>8</sup>	<input type="checkbox"/>		<input type="checkbox"/>		PASS			
31	14	DRAC IP addresses listed in DNS <sup>9</sup>	<input type="checkbox"/>		<input type="checkbox"/>		PASS			
32	15	Verified/added the Server subnet to the Subnets in Active Directory Sites and Services	<input type="checkbox"/>		<input type="checkbox"/>		PASS			
<p>Enter or select information about the server, then check to ensure that all items listed in the checklist below have been completed.</p> <p>Items that are greyed out do not need to be completed. Use the Comments column to add notes or additional information.</p> <p>Send this checklist to a peer for review.</p>										

- Automate and standardise your application information
- Support the build and commissioning of new applications
- Support your data discovery and data collection efforts
- Collect data in a format that can plug in to your database systems

***Decommissioning checklists***  
***Application migration checklists***  
***Data discovery forms***

## Enterprise architecture

- Document key business assets
- Manage business change
- Use the Zachman framework for enterprise architecture as a tool and methodology

	WHAT	HOW	WHERE	WHO	WHEN	WHY
	DATA	FUNCTION	NETWORK	PEOPLE	TIME	MOTIVATION
SCOPE (contextual)	 List of things important to the business Entity = Class of business things Planner	 List of processes the business performs Process = Class of business process Planner	 List of locations in which the business operates Node = Major business locations Planner	 List of organizations important to the business People = Major business unit Planner	 List of event cycles significant to the business Time = Major Business Event Cycle Planner	 List of business goals/strategies Endline = Major Business Goal/Strategy Planner
BUSINESS MODEL (Conceptual)	 e.g. Semantic Model Entity = Business Entity Relationship = Business Owner	 e.g. Business Process Model Process = Business Process IO = Business Resource Owner	 e.g. Business Logistics System Node = Business Location Link = Business Linkage Owner	 e.g. Workflow Model People = Organisation unit Work = Work Product Owner	 e.g. Master Schedule Time = Business Event Cycle = Business Cycle Owner	 Business Plan End = Business Objective Means = Business Strategy Owner
SYSTEM MODEL (Logical)	 e.g. Logical Data Model Entity = Data Entity Relationship = Data Relationship Designer	 e.g. Application Architecture Process = Application Function IO = User Views Designer	 e.g. Distributed System Model Node = IS Function Relationship = Link Characteristics Designer	 e.g. Human Interface Architecture People = Role Work = Deliverable Designer	 e.g. Processing Structure Time = System Event Cycle = Processing Cycle Designer	 e.g. Business Rule Model End = Goal Assertion Means = Action Assertion Designer
TECHNOLOGY MODEL (Physical)	 e.g. Physical Data Model Entity = Segment/Table Relationship = Primary/Key Builder	 e.g. System Design Process = Computer Function IO = Data Elements/sets Builder	 e.g. Technology Architecture Node = HW/Software/Link Specifications Builder	 e.g. Presentation Architecture People = Role Work = Screen Formats Builder	 e.g. Control Structure Time = Event Cycle = Component Cycle Builder	 e.g. Rule Design End = Condition Means = Action Builder
DETAILED REPRESENTATIONS (Out-of-context)	 e.g. Data Definition Entity = Fact Relationship = Address Subcontractor	 e.g. Program Process = Language Statement IO = Control Block Subcontractor	 e.g. Network Architecture Node = Address Link = Protocol Subcontractor	 e.g. Security Architecture People = Identity Work = Job Subcontractor	 e.g. Timing Definition Time = Interrupt Cycle = Machine Cycle Subcontractor	 e.g. Rule Specification End = Sub-condition Means = Step Subcontractor
FUNCTIONING ENTERPRISE	e.g DATA	e.g FUNCTION	e.g NETWORK	e.g ORGANISATION	e.g SCHEDULE	e.g STRATEGY