

ReportLab Sampler

Last updated 25th May 2006. Confidential.

This document includes a number of sample pages from customer projects we have delivered, and brief comments on how those projects were achieved. At the end there are a few of our favorite examples of applications built by our user group using either our commercial or open source frameworks.

Hilton Hotel eBrochures

The Client: **Hilton Hotels** (including Scandic Hotels)

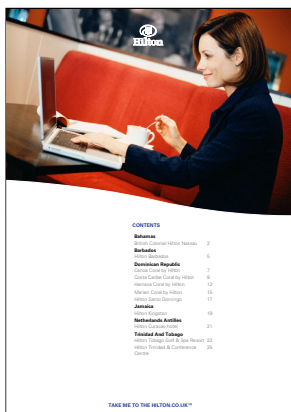
Customer Quotation:

Hilton recently selected ReportLab to help deliver customised, dynamic eBrochures in local languages for nine markets, with different content, layout and style tailored for each market. Despite a very tight deadline and changing requirements, ReportLab demonstrated a proactive, willing and flexible approach throughout the project, suggesting alternative solutions to overcome issues, all of which enabled us to resolve issues and implement solutions quickly.

Hilton's 9 brand websites - hilton.com, hilton.co.uk, hilton.de and 5 Scandic sites available through Scandic-hotels.com - now offer a user-friendly eBrochures capability which enables customers to request, download, print or email brochures of all Hilton and Scandic hotels around the world. Customers are able to select which hotels they want included in their brochure, as well as their preferred layout. This is part of Hilton's continuing commitment to offer customers the very best content and functionality through its own brand websites, which also carry a best rates guarantee.

Since the launch of this new resource, requests for eBrochures have consistently exceeded our expectations. Thanks to the team at ReportLab, we were able to develop and deliver this exciting eBrochures capability on time and within budget.

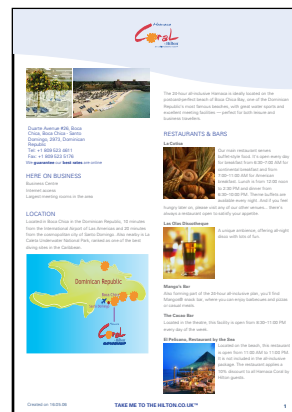
— Geraldine Calpin, Director of Retail Management & Content Services, Hilton International



Cover and contents



Scandic directory listing



Full brochure page for resort



One-page US-style factsheet

The Solution: In just 15 weeks from signoff to live release, ReportLab implemented a solution based on our Enterprise Publishing and Report Server (EPRS) - our high speed direct-to-PDF document layout engine - to meet all of the above requirements. The solution lets Hilton Group...

Periodically import content on over 600 hotels in multiple languages from database extracts, Content Management System and web sites into a staging server

Allow review, proofing and touchup if necessary before promotion to the live publishing servers

Offer search pages to customers letting them create real time eBrochures with the content they want

Provide "pseudo-static" links to hotel fact sheets from hotel home pages and other applications, which are automatically updated

Host it all on a scalable, globally distributed architecture distributed across two continents

Results: Live since 4th April, the eBrochures solution is providing over a thousand dynamic documents per day to Hilton's clients.

Try it now: Links can be found on Hilton sites as follows: On www.hilton.co.uk, www.hilton.de, www.hilton.co.jp or www.scandic-hotels.com, click "eBrochures" (or its translation) in the top navigation bar. On www.hilton.com, select "Specials and Packages", then "International", then "eBrochures". Or follow the fact sheet link from most hotel home pages.

The Client: Fidelity Investments International, the world's largest independent fund manager.

The Requirements: The client needed to deliver customized reports as part of an interactive portfolio planning tool that allowed investors to plan their levels of savings and strategy. Information was gathered from users via a web questionnaire and the answers collated and analysed to produce a personalized report full of conditional text, rich graphics and custom charts. Customised report information was retained by the investor, so it was important that the reports looked good and displayed exactly the right information to allow an informed investment decision.

Implementation: The first step was for Fidelity's in house graphic designers to produce mock-ups. Because of the versatility of *RML2PDF*, the designers could create documents outside the usual constraints that often come with conditional text documents. With the use of *PageCatcher* we were able to extend the Fidelity brand by using custom page templates, and using our *Diagra* graphics framework, the customer was able to deploy the custom charts not only in the PDF but as images on the web site as well. The architecture is our standard Enterprise Publishing and Report Server (EPRS) model: the application server posts a small chunk of XML containing report data to the Report Server, which returns a PDF.

The Business Benefits: The Portfolio Planner is a tool used by potential investors. Having reports generated complete with rich graphics and charts and customizable text reinforces the Fidelity brand and presents Fidelity customers with the information they need to make investments.

RETIREMENT AT 65

Report compiled by John Basil of County Financial for Robin Becker

Your investment plan

Thank you for using Fidelity's Portfolio Planner. This report summarises your Retirement at 65 plan and gives details of funds you are thinking of investing in. It also compares the portfolio you have developed with the growth portfolio suggested by the Portfolio Planner. The aim of the Portfolio Planner is to help you make informed investment decisions - we hope you have found it useful. At the bottom of the page you will find information about the next steps you can take. Please discuss these options with your Adviser to determine the best course of action to take.

Your projection

Your target:	£100,000	Initial investment:	£45,000
Projected value by June 2006:	£82,734	Regular contributions:	£600
Shortfall or surplus:	- £17,266	Frequency:	Quarterly
		Unit:	June 2004

Please remember that your projection takes account of inflation, so the figure is given in today's terms. The projections shown are also not guarantees; they are simply illustrations.

Your portfolio strategy

Our projection assumes that you concentrate on increasing the value of your investment over the long term with a growth investment strategy. This would involve choosing funds with the potential for strong returns, though you might have to tolerate short-term fluctuations in their value.

Your investment growth

Our projection for your Retirement at 65 investment, is shown in the chart on the left. It is for illustrative purposes only and is based on the growth you might achieve with our growth strategy. We have assumed this will be 7.2% a year, the average level of growth achieved by the various forms of investment in this type portfolio over the past 100 years. There is no guarantee that this level of performance will be repeated in coming years, and if markets fall you may not get back the amount you invest.

We have chosen such a long period, covering both world wars and the depression of the 1930's, so that the figures are not distorted by the high returns that stockmarket investments have achieved in recent decades. Typical central bank forecasts of inflation for the years ahead are 3.5%. We have therefore taken this from the 7.2% growth rate and based our calculations on a real rate of return of 3.7% a year.

Fidelity Asset Allocation Reports - Page 1

RETIREMENT AT 65

Investment	Our suggestion %	£
Cash	4	2,550
UK Gilts	4	2,550
UK Equity Income	16	9,350
North America	15	9,350
Global Growth	31	18,700
Japan	15	9,350
Far East excluding Japan	15	9,350
Total	100	61,200

Suggested growth portfolio

This pie chart shows a portfolio that you might want to consider as a suggestion for your Retirement at 65 investment. The Portfolio Planner cannot give an opinion on which funds and types of investment are right for your particular circumstances, but this model may help you make your decision.

The primary aim of this portfolio is to achieve significant long-term growth without investing in those sectors that are usually considered to present the highest levels of risk. Only a small part of the portfolio is kept in relatively low-risk bonds. The rest is invested in equity funds. The majority of these focus on the UK, but about a third of the overall portfolio is invested internationally in order to benefit from growth potential in other parts of the world. With this type of portfolio you need to be prepared for short-term fluctuations in the value of your holdings.

Your next steps...

Choose your funds
If you decide you would like to use the Retirement Plan portfolio as a basis for your Retirement at 65 investment, you are now in a position to choose your funds. To make this as straightforward as possible we have linked the Portfolio Planner to our fund selection tool. This will automatically search through the hundreds of funds in our investment superstore FundsNetwork to find the ones from each category in our suggested portfolio. You can then draw up a short list of funds, read fact sheets on the ones you are considering and create your own portfolio fund by fund.

You will then be able to print out a fuller version of this report, which incorporates your chosen funds and shows how the portfolio you have created compares with the suggested growth portfolio.

When you have made your choice you can invest either online or by post via your Adviser.

Fine-tune your investment plan
You can update the details of your Retirement at 65 investment plan as often as you want. Simply speak to your Adviser who will be able to review your portfolio strategy for you.

Need extra help?
Your Adviser will be able to assist you throughout the decision-making process and recommend the portfolio strategy best suited to your investment needs. Please also bear in mind that the suggested portfolios may change, so you may like to review your strategy regularly with your Adviser.

We cannot give you advice on your investments, but if you call us on **0800 995511** we can give you any general information you may need about FundsNetwork's products and services. Please feel free to call us any day of the week, between 8am and 6pm.

Fidelity Asset Allocation Reports - Page 2

Try it yourself! Go to Fidelity's Portfolio Planner, complete the questionnaire and ask for a report.
<http://www.fidelity.co.uk/direct/planning/portfolioplanner/index.html>

Page 3

Statements and Valuations

The Client: Fidelity Investments International

The Requirements: The client wanted to give brokers the ability to produce good looking statements, valuations and portfolio summaries over the web for their clients. This involved pulling data from various data sources, creating the reports on the fly and returning the reports to the user in their browser. Brokers were given the ability to produce multiple reports at a time and choose whether to receive them as multiple files zipped up or as one large PDF ready for printing. All this at the click of a mouse and within seconds.

Implementation: Statements and Valuations are the perfect demonstration of the power of the ReportLab Enterprise Server - utilizing *Preppy*, *PageCatcher* and *RML2PDF*.

The documents had to contain custom breaking rules and widows-and-orphan control, as well as being compatible with any kind of printer. A combination of RML and *Preppy* were used to realize the underlying rules and the overall design of the documents. The reports were designed with the *Enterprise Publishing and Report Server* framework, which meant that the steps of triggering the overall application and acquisition of data could be kept completely separate to the design and presentation logic. Through a combination of *Preppy* and *PageCatcher*, the reports could also be white-labelled - brokers not only had their name and details on each document produced, but could submit color variables and a page template design so that the reports could be branded and designed to their very own specification.

The Business Benefits: All this meant an unparalleled experience for Fidelity's broker customers who could deliver attractive, personalized and branded statements and complimentary documents to their clients in seconds. This replaces a system of request and mail that is more costly and far less satisfying for the end-user. The ability to white-label individual documents and print singly or in a batch were also viewed as 'killer functionality'.

QUICK VALUATION Page 1 of 1
Prepared by Robinson Financial Partner Ltd for Mr Daley Thompson

Client Details
Name: Mr Daley Thompson
Address: 39 New Devon Road, Balham, London, United Kingdom

Adviser Details
Adviser Number: 23469
Adviser Name: Robinson Financial Partner Ltd
Address: Henningfield House, 14-16 Maine Road, Sidcup, DA12 6NP
Print Date: 4 September 2002

ISA/PEP Account MARX003324

ISA Years	Value
2002/03 Maxi ISA	£7,472.50
2001/02 ISA	£4,329.51
2000/01 Maxi ISA	£5,329.56
1999/2000 Mini ISA	£5,329.56
Transfer of Previous Year(s) ISA	£14,070.96
Transfer of Previous Year(s) ISA	£7,029.02
ISA Sub-total:	£43,661.11

PEP Years

PEP Years	Value
1997/98 General PEP	£12,490.51
1997/98 Single Company PEP	£1,789.71
1996/97 General PEP	£5,336.69
1995/96 General PEP	£5,336.69
PEP Sub-total:	£24,953.60

OEIC and Unit Trust Account(s)

Account Number & Designation	Value
DIBA000018 - Main Account	£6,608.76
DIBA000019 - Joint Account	£1,907.70
DIBA000020 - School Fees savings	£5,409.19
OEIC and Unit Trust Account(s) Sub-total	£13,925.65

Offshore (SICAV) Account(s)

Account Number & Designation	Value
DIBS000021 - Main Account	£2,076.16
DIBS000022 - Davis 1990 'A' Settlement	£14,281.04
DIBS000023 - Davis 1990 'B' Settlement	£705.13
Offshore (SICAV) Account(s) Sub-total	£17,062.33

Total Value of all accounts **£99,622.69**

FUNDSNETWORK™ Fidelity Investments

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Fidelity Statements and Valuations

MORNINGSTAR INSTANT X-RAY Page 2 of 2
Mr Michael Charles Gilbert Amos

Asset Allocation %

Cash	4.1
Stocks	95.7
Bonds	0.1
Other	0.0
Not classified	0.1

World Regions

Style Box Diversification

Style	Value	Blend	Growth	Size
100-100 (%)	25.1	11.7	20.8	Large
75-100 (%)	14.7	6.0	12.1	Mid
50-75 (%)	3.9	1.1	4.6	Small

Stock Sector

Sector	Value
Utilities	4.7
Energy	12.7
Financials	19.3
Cyclical	19.0
Durables	2.9
Staples	6.5
Services	14.4
Retail	6.2
Health	10.2
Technology	5.1

Fees & Expenses

Average mutual fund management fee (%): 1.5

Stock Stats

Your Portfolio

P/E Ratio	19.88
P/B Ratio	3.40
P/C Ratio	12.28
Median Market Cap (mil)	15450

Top 10 Holdings

Holding Name	Sector Name	Country	% of Assets
Newmont Mining	Cyclicals	US	2.23
By-Pac	Energy	GB	2.00
Vodafone Group Public Limited	Services	GB	1.24
Total Fina Elf Sa	Energy	FR	1.17
Hors P/c	Financials	GB	1.15
Burlington Resources	Energy	US	1.10
Glaxosmithkline P/c	Health	GB	1.05
Barrick Gold Corporation	Cyclicals	CA	1.03
Hecht S-a	Staples	CH	1.00
Placer Dome Inc	Cyclicals	CA	0.90

Funds in Portfolio

Fund Name	Rating	% of Portfolio
Merrill Lynch UK Dynamic Fund Acc	-	6.49
Newton Income Fund Inc	★★★★	6.68
Artemis ABN AMRO Global Growth Fund Acc	★★★★	17.86
Henderson European Capital Growth Fund A Acc	★★★★	22.15
Artemis UK Growth Fund Acc	★★★★	22.55
Fidelity American Fund Inc	★★★★	24.28

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Fidelity/MorningStar Portfolio X-Ray

FundFacts - Fund Publishing

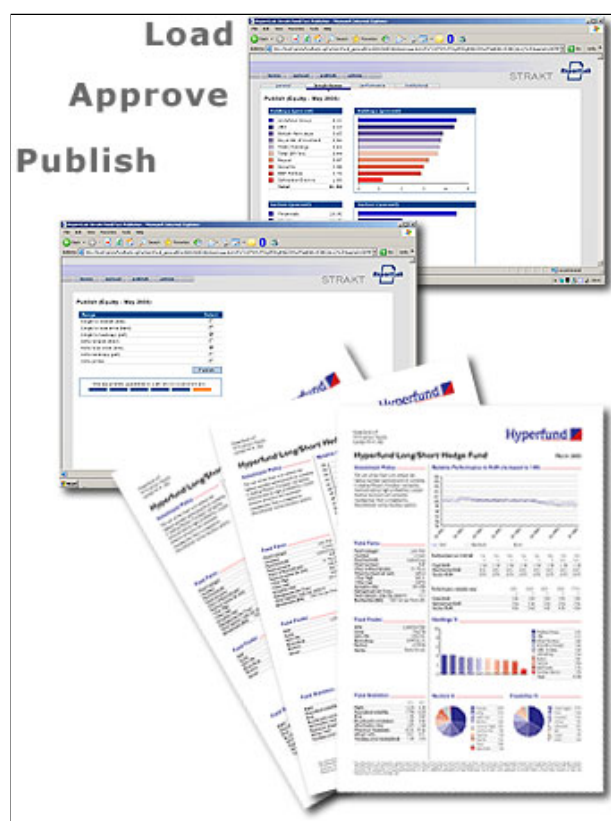
The Client: ReportLab hosted solution

FundFacts is our standardised hosted solution for automating outputs in the Fund Management industry, including factsheets, web pages and charts.

The Requirements: Fund managers need to produce a large number of documents on a regular basis. Most managers have almost no automation at all in this regard, wasting time on low-value work.

The Solution: After five years experience powering all of the charts in Fidelity's fact sheets and licensing our own technology to a number of other financial reporting ventures, we believe we have created the simplest approach yet to this. Managers are given a login to a hosted system to manage and publish the data, using a standard data model based on study of many fund fact sheets. We 'code up' your fact sheet layouts and charts for a setup fee, and they run each month thereafter.

FundFacts goes further than competing systems in letting you create web versions of fact sheets at the same time as print, supporting multiple ranges, and giving you practical tools such as a chart library to let you incorporate up-to-date numbers in all your other manually published documents. It can also be customised and extended easily to integrate with high-value-added client reporting and downstream data feeds.



Automating fund outputs

The solution lets you

- Manually modify any piece of data through the web
- Bulk-upload any subset of data from Excel or other data feeds
- Provide controls over who can access which facts about which funds
- Provide a basic approval and signoff cycle, record and track issues within a given period
- Automatically publish multiple ranges of fund fact sheets
- Easily create white-label factsheets and variants for any subset of the fund range.
- Automatically publish web pages with charts for the same funds on the same date
- Keep an archive of the charts and tables for every period, to use in other document outputs (e.g. RFP authoring)

Hewlett Packard Sales Assessments

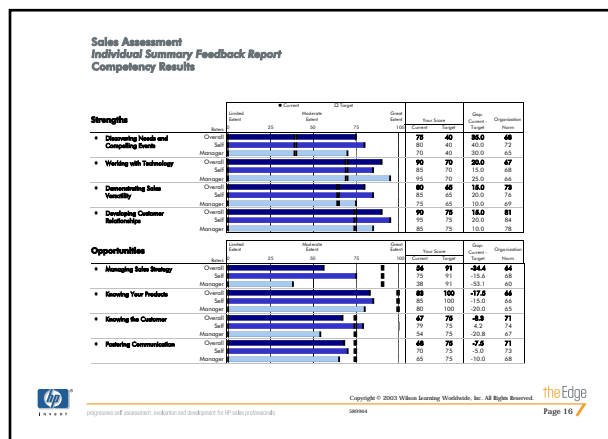
The client: **Hewlett Packard** (with print from London Digital Printing Group)

The Requirements: Produce a personalised Sales Skills Assessments document for each of over 2000 European sales reps in HP's Enterprise Sales Group, tying together data from two external training providers and feeding through to high-quality digital print on a HP Indigo 3000 digital press.

Hewlett Packard's global Workforce Development programme involves a structured programme of assessments for all sales staff, using two external firms. Working with HP's Digital Publishing Solutions division and with London Digital Printing Group, we developed a solution to aggregate personal data from various sources into a single, physically printed PDF document, which was printed by London Digital and delivered to each member of the sales force in time for their annual sales conference.



Sales Assessments



Sales Assessments

This was our first opportunity to work directly with high-quality digital print, using HP Indigo Digital Printing Presses. This offers near-litho-quality output, but for the application developer is almost as simple as driving a laser printer. Putting together our own data access, transformation and layout capabilities with Indigo output allowed the creation on a large scale of truly personalized documents, and raises endless possibilities in future.

It soon became clear that one of the main challenges was the need to build a central database and web interface to manage the data aggregation. With data from three different organisations (HP and the training providers) being pulled together for the first time, there were a number of mismatches in keys, variations in email addresses and "stray records" which had to be removed and sorted out. In addition, HP needed aggregate statistics by sales role and country, in order to direct training efforts at team as well as individual level. We were able to rapidly build an application server to hold, 'de-duplicate' and prepare the data for reporting and prepare web based statistical views. This was built to a tight deadline with an Open Source stack of ready-made components including MySQL, Apache, and a Python-based web templating system and business rules. On subsequent runs of the system for other HP regions, we have expanded this into a hub providing a central point for managing the sales assessment process and notifying the sales reps through email.

Our PageCatcher technology was a key factor in the success of the project. A professional design agency produced not only branded covers and page backdrops, but also carefully-thought-out content to take the sales rep through the process. One of the external providers also delivered a separate PDF document which was imported into the main reports seamlessly.

The preparation of a substantial document stack for print involves concerns in addition to those for online viewing. This project involved approximately 2000 documents with 30-50 pages each, and a tight deadline for printing. Documents need extra space ('bleed') and crop marks in some areas; covers, which were printed separately on different paper, were generated as separate documents in a carefully designed order; and the reports were ordered "for distribution", in groups of four hotels and alphabetically within each. Finally, with variable-length documents but a "multiple of 4" layout, we arranged for useful but non-critical extra content to be included to pad each document out to a desirable length.

ReportLab ConferenceKit

The Client: Various conference organisers including XML 2003, XML Europe 2004 and ACCU 2004



The Requirements: a hosted, standardised solution able to generate all commonly needed documents for print, as well as a fully personalised schedule for each delegate.

The ConferenceKit offers a standard approach to managing events and generating their documentation. A standardised database of speakers, tracks and talks coupled with a web interface lets event managers look after the standard conference workflow online, distributing the work and centralizing the data. The server also hosts, and lets the organiser edit, recipes for dynamic documents. The most common deliverable is a dynamic PDF schedule for each delegate - they select the tracks, talks and additional materials of interest, and a document up to 100 pages in length is built to order for them. The server can also generate timetables and other documents for mass printing or personalized digital print, using standard document recipes and with artist-supplied templates for each event.

Wednesday 21 April

	Room A	Room D	Room E	Room F
09:00	Writing Formatting Specifications for XML Documents - A Case Study <i>Holman</i>	Smart Content, Opportunity Discovery, Knowledge Trading and Alliance Making <i>Newcomb</i>	Using Topic Maps and XML to Implement a Closed-Loop Search Service for the Dutch Tax and Customs Administration Website <i>Breebaart</i>	XACML: XML Access Control <i>Merrells</i>
09:45	Using XSL-FO 1.1 for Business-Type Documents <i>Bals</i>	Web Content Management Using the OASIS ebXML Registry Standard <i>Najmi</i>	BrainBank Learning - - a strategy for learning and construction of personal topic maps <i>Lavik</i>	What's New in WSDL 2.0? <i>Moreau</i>
10:30	Break			
11:00	Metadata? Thesauri? Taxonomies? Topic Maps? <i>Garshol</i>	Refactoring XML <i>Brown</i>	Topic Maps for Business Process Model Development: An Application Case Study <i>Scott</i>	A New Methodology for Designing Electronic Forms Promoting Reuse of Information Carriers <i>Lilleng & Thorbergson</i>
11:45	Medium Neutral Content Production: A Problem Analysis <i>Siegel</i>	RDF/XHTML: A New RDF Syntax <i>Birbeck & Pemberton</i>	Corporate Brains - A Case Study of a Real World Topic Map Project <i>Hölscher & Seestadt</i>	RDF, XForms, and the Law - Staying Out of Gas! <i>McCarthyNeville</i>
12:30	12:30 - 13:15: The State of XML Luncheon and Exhibits Open			<i>Dumbill</i>


generated by the **ReportLab** conference kit

 printed on a **hp** indigo 1000 digital press by  invent

XML

Europe 2004


Conference & Pavilion



Documenting the Future

18 April: Pre-Conference Tutorials
19-21 April: Conference Program
19-21 April: Pavilion

The Amsterdam RAI Centre
Amsterdam, The Netherlands
www.xml-europe.com

Presented by: 

Schedule at a Glance

Auto-generated complex timetables within designer-supplied templates

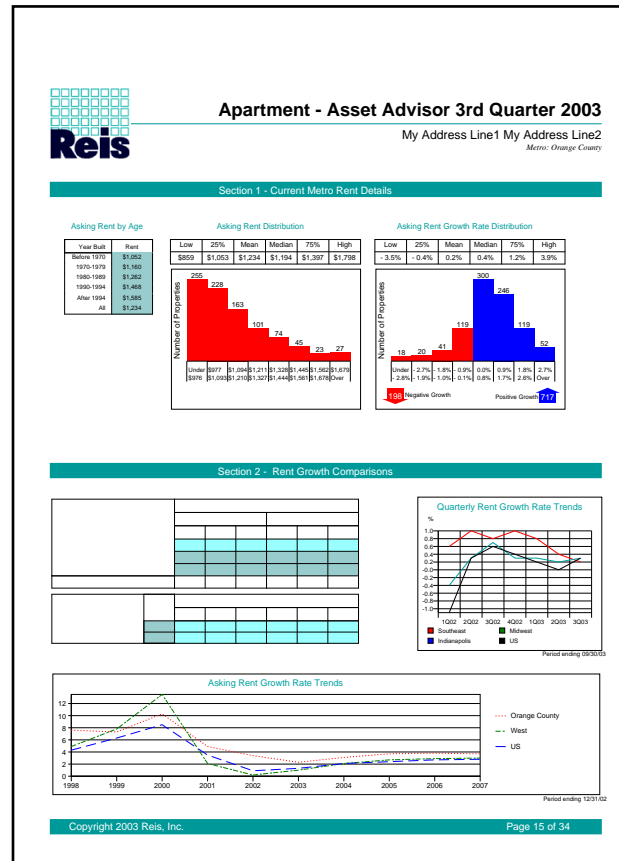
The Client: Reis Inc.

Reis produces subject property data, lease roll, and market variable forecasts. Reis is the leading provider of market analysis and transaction support data for the U.S. commercial real estate market.

The Requirements: Reis needed to produce a large number of on-the-fly reports: CompTrend, CompQuote Plus, Sales Comparables, Valuation/Credit Risk Analysis and the comprehensive Reis Apartment Asset Advisor. Thousands of users at more than 300 major institutional clients needed daily access to industry standard report material covering office, apartment, retail and industrial real estate information. Each report needed to combine data from several different sources.

Implementation: Reis used ReportLab's Diagra graphics server to create and manipulate charts and diagrams. Pagecatcher allowed them to design backdrops. Coldfusion was used to generate dynamic RML.

The Business Benefits: Reis aims to give more sophisticated and detailed reports than its direct competitors. Reportlab's reporting solutions allowed them to integrate information from the many sources into the reports. Reis saves time and has made reports readable and visually attractive while integrating graphics and charts seamlessly.



Fidelity Target Fund Illustration Tool

The client: Fidelity Investments International

The Requirements: Fidelity wanted to produce different documents in English and German which would manipulate a series of user inputs to estimate funding required to meet a financial goal in a certain period. Output needed to be shown as dynamic text and graphical information. Charts had to be used both on the Fidelity website and in the pdf documentation. Colours were made printer friendly with the addition of a flag.

Implementation: Speed was crucial in implementation as was working to Fidelity standards. The English documentation was produced first, Fidelity in Germany then requested a similar document. Pagecatcher was used to produce the templates/ backdrops, Diagra to produce the graphical information and RML to mark-up the document.

The Business Benefits: Reportlab's reporting solutions allowed Fidelity customers to integrate information from the many sources into high quality dynamic reports. Graphical information was available for re-use in other web-pages.

WEALTHBUILDER TARGET FUND ILLUSTRATION FOR DR EVELLE
 Prepared by Richard Austin of Powers Investments Print Date: 28 Nov 03

The purpose of this illustration is to help you to estimate the funding required to match a particular financial goal within a specific timeframe. Based on the investment strategy used in Fidelity's WealthBuilder Target Funds, this illustration takes account of the changing portfolio return based on the varying asset allocation over time within the Target Fund you have chosen.

ILLUSTRATION INPUTS

In preparing this illustration, the following inputs have been selected:

Tax treatment of your investment	Inside a PEP or ISA	A lump sum now of	£2,626
Choice of Target Fund	2020 Target Fund	AND/OR	
Goal Amount at the Target Date for the 2020 Target Fund	£53,363	Regular amounts each month of	£900

You have also indicated that you are considering funding for this goal by investing:

CALCULATION RESULTS

The results of the Target Fund illustration based on the inputs you have supplied are set out below. The illustration estimates how close you may come to your goal, whether or not you could be in surplus or in deficit and how you might adjust your contributions to more closely match your financial objective.

Goal	£53,363
Projected Value	£264,898
Surplus	£211,535

In order to match your goal, you may want to do the following:

decrease your Monthly Regular Savings Amount to: £165

The chart below indicates the projected cumulative return on your investment, expressed as a percentage of your contributions and taking account of all charges and expenses for the fund.

The figure of **50.23%** is calculated from the Projected Value of **£264,898** based on contributions of **£176,326** during the period of investment.

Please note the assumed growth rates are not guaranteed and are only used to illustrate different returns from different asset classes and the effect of changing asset allocation in a mixed asset portfolio. They also illustrate the effects of charges and expenses on your investment. The figures shown in the Calculation Results section are therefore not guaranteed. You could get back more or less than this. What you get back depends on how your investment grows. You should also remember that inflation may affect the value of the amounts shown.

ASSUMPTIONS

The estimated investment return within the Target Fund during the period from now to the Target Date of the fund is based on:

(i) the assumed returns from the different asset classes

- Equities 8.5% pa
- Bonds 5.8% pa
- Cash 3.7% pa

(ii) the changing fund proportions in those assets over time

Fidelity Investments logo

p1 of 2

FIDELITY TARGET FUNDS - ILLUSTRATION FÜR RICHARD AUSTIN
 Druckdatum: 28 Nov 03

Die durchgeführten Berechnungen basieren auf einigen grundsätzlichen Annahmen, die wir auf dieser Seite für Sie beschrieben haben.

ERWARTETE ASSET-ALLOCATION DES TARGET FUND 2010

Diese Grafik veranschaulicht beispielhaft, wie sich die Zusammensetzung des von Ihnen gewählten Fonds während seiner Laufzeit verändert.

Zu Beginn überwiegen Aktien mit hohen Renditechancen, doch je näher das Zieldatum rückt, desto größer wird der Anteil von weniger schwankungsanfälligen Anlagen wie Anleihen und Barmitteln.

DIE ZUSAMMENSETZUNG DES TARGET FUND 2010

Die Kreisdiagramme zeigen die erwartete Zusammensetzung des von Ihnen gewählten Target Fund zu verschiedenen Zeitpunkten. Die Basis für die Veränderungen ist das Umschichtungsmodell der Target Funds, nach der die Zusammensetzung der Target Funds zu Beginn eines jeden Jahres bestimmt wird.

Das hier illustrierte Umschichtungsmodell wird zudem regelmäßig überprüft und dynamisch den jeweiligen Marktgegebenheiten angepasst.

AKTUELL **ZIELDATUM**

ZUSAMMENGESETZTE WACHSTUMSRATE DES TARGET FUND 2010

Die Zusammensetzung des Fonds besteht aus verschiedenen Anlageklassen: Aktien, festverzinslichen Wertpapieren (Brenten) und Geldmarktpapieren. Die zukünftig zu erwartende Wachstumsrate ist je nach Anlageklasse verschieden. Da sich die Fidelity Target Funds aus verschiedenen Anlageklassen zusammensetzen, haben wir eine durchschnittliche Wachstumsrate berechnet:

Der Abzug von Gebühren und Auslagen des Target Fund hätte den Effekt, dass die entsprechende jahresbezogene Wachstumsrate von **4,36%** auf **1,92%** jährlich sinken würde. Diese Kosten wurden in Ihrer Target Fund Illustration bereits berücksichtigt.

ZUSAMMENGESETZTE WACHSTUMSRATE DES TARGET FUND 2010

Die Illustration zeigt die Entwicklung der angenommenen durchschnittlichen Wachstumsrate unter Berücksichtigung der Umschichtungen. In der hier gezeigten Darstellung ergibt sich eine durchschnittliche jährliche Wachstumsrate von **4,36%**. Die von uns angenommenen Wachstumsraten der einzelnen Anlageklassen finden Sie unter 'Annahmen'.

Die Eignung der Fidelity Target Funds hängt von der persönlichen Situation des Anlegers und der Gesamtplanungsstrategie ab. Fidelity übernimmt lediglich Produktinformationen und erteilt keine individuelle Anlageberatung. Herausgeber: Fidelity Investment Services GmbH, Lyoner Str. 24-26, D-60528 Frankfurt.
 p2 of 2

Fidelity Investments logo

f:\dev\q385.pwr.com\20031128155438-22646000.pdf

ISA Account Opening Forms

The Client: Fidelity Investments International

The Requirements: As part of their Share Network project, Fidelity needed to create "pre-filled" forms on their web site in the same style as existing static ones. Some of these are simple confirmations, but others are documents which need signatures for regulatory reasons.

Implementation: The initial designs were created by an external agency. We took these and duplicated them as RML templates. These were *not* converted from PDF files using PageCatcher, because the presence or absence of certain sections depended on the input data. The forms were therefore a "story" which grew downwards as needed. RML's form tags such as *textBox*, *checkBox* and *letterBox* enabled us to easily replicate the look of the client's existing static forms, but in a dynamic layout and with absolute consistency. Documents were created in response to requests from a Java-based application server on another machine. This passed a small XML document to the report server. We then found the appropriate RML template, and used *Preppy* to insert any conditional text and form sections required. This was then used to create a "pre-filled" PDF form as output, which the user could print out, fill in, sign and return.

The Business Benefits: Customers are presented with completed forms with data drawn from web input and other sources, during the online process. There is no need to wait for the post, which both increases the likelihood of a sale due to immediacy and saves printing costs. The cost of processing per form is lower than hand-written forms because problems of illegibility and bad-completion are cut down, and makes it easier for customers to complete the form in the first place. In addition, unnecessary sections and options are never printed on the output PDF, making it better for customers and back-office processors alike. Finally, different variants of forms can be produced from the same engine, and updates to the forms can be made quickly and easily by just editing a single text file.

Fidelity Investments **Xest**

Self-select ISA Account Opening Confirmation Form 12345678

1 Personal Details

Title: Mr. First Name(s): Fred

Surname: Bloggs Customer Reference Number: 12345678

Permanent Residential Address: 25 Badger Court, Pinemartin Crescent, Cricklewood, London, UK, NW10 12H, United Kingdom

Nationality: United Kingdom Email Address: fred.bloggs.org

National Insurance Number: 24 24 44 44 A Date of Birth (applicants must be 18 years or over): 21 03 1966

2 Dividend Income Details

Bank/Building Society Name: Royal Bank of Scotland Bank/Building Society Sort Code: 29 02 08

Bank/Building Society Account Number: 12345678 Bank/Building Society Collection A/C No.: 100673485

Name of Account Holder: Mr. Frederick Rumpelstiltskin Bloggs Distribution Option: Half-yearly

3 Signature and Declaration - You Must Sign and Date This Form Below

I understand that all transactions in my Self Select ISA are carried out by Charles Stanley & Co Limited on an execution-only basis, that I will receive no advice, and that I am solely responsible for the selection, suitability, and eligibility under the ISA Regulations of investments and transactions.

I authorise Charles Stanley & Co Limited:
To hold my cash subscriptions, ISA investments, interest dividends and any other rights or proceeds in respect of those investments and any other cash. To make on my behalf any claims from tax in respect of ISA investments, and on my written request to transfer or pay to me, as the case may be, ISA investments, interest, dividends, rights or other proceeds in respect of such investments or any cash.

I further declare that:
I am eighteen years of age or over, I am resident and ordinarily resident in the United Kingdom or though not resident in the United Kingdom perform duties which by virtue of section 120(4)(a) of the Income & Corporation Taxes Act 1988 and any amendments thereto (Crown employees serving overseas), are treated as being performed in the United Kingdom or I am married to a person who performs such duties. I am subscribing with my own cash or with qualifying shares acquired by myself through an approved profit-sharing scheme or savings-related share option scheme. I have read and understood the Charles Stanley & Co Limited Terms and Conditions and agree that my account will be conducted in accordance with this. The information provided by me in this application form is true and correct to the best of my knowledge and belief. I will promptly notify Charles Stanley & Co Limited of any changes in my circumstances which affect any of the information below.

Signature: _____ Date: _____

The share dealing service, self-select PEPs and ISAs are provided by Fidelity Investments Limited in association with Xest, a division of Charles Stanley & Company Limited. Charles Stanley & Co. Ltd. PEP & ISA Manager. Member of the London Stock Exchange and the London International Financial Futures & Options Exchange, is regulated by the Financial Services Authority. Approved by Charles Stanley & Company Limited. Issued in the UK by Fidelity Investments Limited. Fidelity Investment Services (UK) Limited is authorised and regulated by the Financial Services Authority. This page used an evaluation or expired copy of RML2PDF <http://www.reportlab.com>

Investment Account Opening


Personalised Insurance Contracts

The Client: **AIG Trade Credit Online**, an eBusiness subsidiary of one of the world's largest insurers

The Requirements: The client required a method of creating custom forms and contracts which would be able to take input in the form of XML and utilize easily understood and easily maintainable templates to create different contracts. Business users had to be able to check and maintain the conditional text and update the forms without unreasonable effort. It all needed to run behind a Java web/application server on Solaris.

Implementation: The various forms and documents were implemented using RML and preppy. As the system grew, a large number of static forms needed to be "overlaid", and PageCatcher was used to extract the field layouts at design time and complete forms at run time. We also implemented a custom versioning scheme so that when customers renew, they get an updated version of the contract they originally signed rather than the latest default contract for the business.

The Business Benefits: As delivered, the system is capable of creating customized policy estimates, policy invoices, policy quotation, and TradeCredit.com declarations in real time through the web, and both parties have an immediate and lasting record of the deal.



Effective Date:	Expiration Date:	Reference Number:
1 January 3001	2 January 3001	SAMPLE1

The AIG TradeCredit.com Advantage

- Complete on-line credit management with the ability to credit check a customer in minutes.
- Access to professional collections and claims management services, with professional credit collections company to manage the collection of debt and to assist the preparation of claims.
- Real-time credit decisions on your buyers.
- On-line policy issuance, policy history, and updates available real time.
- State-of-the-art security.
- Backed by "AAA" rated AIG

Protect the largest asset on your balance sheet - Accounts Receivable. The unanticipated bankruptcy of even one important customer may damage your bottom line and put cash flow in jeopardy. Even smaller defaults can accrue to erode your company's strength, and lower investment capacity. A credit insurance policy can improve your cash flow and protect you from unexpected customer default.

Estimate

This estimate provides a sample of the premium rate and buyer limits that would be generated on your top 15 buyers if you were to proceed to purchase a policy. If you wish to go ahead and complete the process to purchase a policy, the premium rate may fluctuate when all of your buyers are submitted to qualify for insurance.

Coverage:	The policy covers loss in the event of non-payment of the buyer
Policy Currency:	US Dollars
Insured Percentage	up to 85% (see sample policy for details).
Annual Aggregate Deductible:	\$5000
Premium Estimate:	\$4000

How To Purchase An Insurance Policy

- 1) Return to the REVIEW ESTIMATE page of the site (Step 3).
- 2) Add and verify the remaining buyers to your buyer list to achieve the eligibility requirements to purchase a policy. (There will be a charge of \$35 for each additional buyer request beyond the original 15 top buyers).
- 3) You may enter the Buyers one by one or in the BULK UPLOAD feature provided in the site.
- 4) Select the quote option that best suits your company's needs and follow the easy step by step process provided on the site.

If you have any questions about AIG TradeCredit.com please contact AIG using the Contact AIG button on the website or call the Customer Care Center at 1-888-437-3662.

AIG Trade Credit Online

Personalised Investment Prospectus

The Client: Fidelity Investments International

The Requirements: Fidelity needed to generate Key Features Documents (a simplified kind of fund prospectus required by UK law) for financial advisers prior to a sale, and for every investor on the web at the point of sale. These included both conditional text specific to the investor's situation, and a calculation engine to show the charges and deductions. The rest of the industry was using 'static' documents, but when Fidelity launched a "supermarket" of 800 funds from 40 different providers, the static approach became unworkable.

Implementation: This is a substantial system, which runs in production on Solaris servers and interoperates with Sybase databases, Java WebSphere application servers and also directly with end users by generating dynamic HTML. Requests for a document come in the form of key-value parameters supplied either in web forms or POSTed from application servers over HTTP. The 'conditional text' system uses an XML dialect we designed to hold the key elements of the document, and preprocessor tags to make choices and fill in variables. This is 'expanded' into a full XML document containing tables with the output of the calculation engine, and then transformed via RML into PDF and other formats as needed.

This system has the capability to output to HTML; to produce differently branded versions on request; and vary content and format depending on the precise business context in which it is being used. Documents can be produced on demand or as part of a 'daily job' and attached to other documents if required.

The Business Benefits: Fidelity now has a single hub for producing compliant, up-to-date and personalized documents across all channels. Our server generates the needed documents at the point of sale on the web; in pre-sales marketing literature; in HTML for their static web site; and feeds into professional publishing systems for production of glossy brochures when needed. Compliance officers only check the text engine once, where before they had to approve every version of the document. Fidelity web and business staff have been freed from tedious maintenance work.

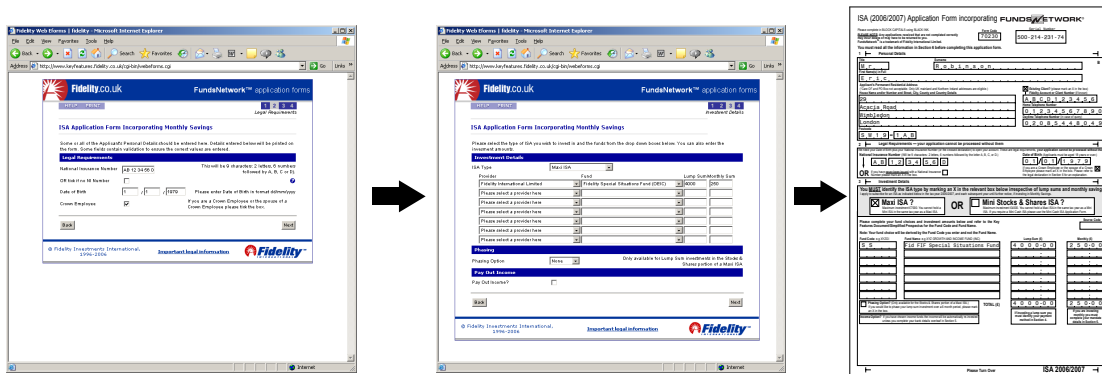
Fidelity Key Features - Conditional Text Documents

Fidelity Key Features - Personalized Financial Simulation

Try this out yourself by going to <http://www.fidelity.co.uk/adviser/bc/kfds.html>

The Client: Fidelity Investments International

The client wanted to enable brokers to quickly get printable investment application forms over the web with all the necessary details filled in. Brokers get the benefit of a personalised login, so they don't have to fill in the same details again and again. Forms can be quickly updated, so the forms that Fidelity receives are more often up-to-date. Other benefits are savings on printing and posting and processing costs, since more returns are legible.



A web "wizard" captures the data, submits it to the report server, which returns a pre-filled form ready for printing by the broker. The web wizard is white-labelled for important clients. New forms are added quickly and easily since most of the is generated automatically by our XML "Questionnaire Description Format" framework.

The same code is used internally at Fidelity, allowing high-colour print runs of forms for direct marketing campaigns, presenting retail customers with all the filled-out forms needed ready to sign and a personalised letter indicating any remaining details they need to fill in. This increases both customer take-up and legibility of returns.

Dynamically generated letter, part of a fully personalised document pack. The bullet points list exactly what that customer needs to do next to move their business to Fidelity.

Client Name
123 Investment Road
London
United Kingdom
Telephone: 0200 2654 263
Email: info@fidelity.co.uk

DFS012

Mr Edward Crick & Watson
15 Lind Close
Earley
Reading
RG6 5QX

25 May 2006

FUNDSDNETWORK.CO.UK
THE UK'S LEADING FUND SUPERMARKET

Client Reference Number: 1000086638

Dear Mr Crick & Watson

There are just a few more steps to take in order to complete the consolidation process. You'll then be able to keep track of all your investments in one place, once they have been moved across to Fidelity's fund supermarket, FundsNetwork. The forms you need to look at are enclosed.

Some of your funds can be moved over to FundsNetwork via a process known as re-registration. This is where your funds don't change and you remain fully invested throughout the process. You can use the enclosed Re-registration form(s) for these funds.

For those PEPs and ISAs that cannot be re-registered, online you can transfer these into any of the funds on FundsNetwork often at no charge. If you do not have access to the Internet, the enclosed form will allow you to choose from just Fidelity's own funds at no charge.

When transferring, you will be out of the stockmarket - typically for a week*. During this time your investment won't be impacted by any falls in the market. However, if the market goes up you will miss out on that investment growth. You could also miss out on any income payments during this time.

For full information about Fidelity's fund range, including details of charges, please refer to the enclosed Key Features Document which incorporates the Simplified Prospectus of Fidelity's OEIC and Unit Trust funds. The Full Prospectus and Scheme Particulars of these funds are also available on request.

Please read the forms carefully and follow the directions before you sign and return them. If your existing provider does charge you an exit fee for a transfer, please call us so we can reimburse you.

In particular, don't forget to tell us:

- your National Insurance Number
- if you are re-registering an ISA for this tax year whether it is a Mini or Maxi ISA by ticking the relevant box on the "Letter of Authority" form
- what percentage of your investments you wish to transfer into each of the funds on the PEP and ISA Transfer Application Form (cash ISAs will be automatically transferred into Fidelity's MoneyBuilder Cash ISA Fund)
- if you would like any income paid out from any of your investments by completing the "Mandate" section on the application form(s) and marking an X in the income box on each relevant "Re-registration Letter of Authority"
- if any information is incorrect

The Client: **TheWorkx.Net** (developed in partnership with ETech, an IBM solutions partner)

The Requirements: TheWorkx.Net is a start-up selling detailed sales lead intelligence to some of the UK's largest technology sales forces, based on a sophisticated "database of databases" covering all UK Small and Medium Sized Enterprises.

The sales forces of the companies using the service use an online system to qualify and select sales leads, then take away a dynamically-built profile of the lead. This includes everything from details of their existing investments and when they will expire, to names and contact details of key staff - even a map of how to get there!

Implementation: The client required this to run on a machine running DB2 databases on AIX. The front end (developed by ETech) is a Domino application with custom logic in Java. When a customer requests a report, the front end initiates a command line with parameters indicating the profile details. Our software includes a data acquisition section which performs many queries and integrates and filters the results into a sensible "object model" for reporting, running on the database server itself to minimize the cost of the queries. Our preppy template system generates an RML template populated with data, and we also produce some custom graphics using the "PluginFlowable" capability of RML. Final personalised reports are then converted from RML to PDF by rml2pdf and returned through a browser to the end user.

Late in the development lifecycle, changes involving equivalent web charting tools for the HTML front end were facilitated quickly and easily with ReportLab tools.


The Business Benefits: The core business of this client is producing reports. Our software allowed them to integrate information from multiple sources into a single report, to make that report visually attractive and to integrate graphics and charts seamlessly into it, and to do all of this in a system designed to handle massive loads at peak hours in a scalable environment.

the workx.net SME Opportunity Profile for The Engine Room Ltd © theworkx.net Limited 2002. All rights reserved.

LOCATION NAME/BUSINESS

The Engine Room Ltd
Royal Colonades, 16 Great George Street, Clifton
Bristol BS1 5SH United Kingdom
Telephone: +44 (0)117 929 4141
Facsimile: +44 (0)117 929 4121

Site ID EN234741231



RELATED LINKS

KEY CONTACTS/DECISION MAKERS

Name	Title	Email Address
Mr Richard Irvine	Secretary	richard_irvine@engine-room.co.uk
Mr Cary Milton	Creative Director	cary_milton@engine-room.co.uk
Mrs Andrea Bolden	Financial Director	andrea_bolden@engine-room.co.uk
Mr Andrew Gavin	Technical Director	andrew_gavin@engine-room.co.uk
Mr Steve Lewis	Operations Director	steve_lewis@engine-room.co.uk

EMAIL ADDRESSES

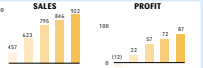
BUSINESS BASICS

Industry/SIC Classification: 7042 - Marketing Services/ Design Agency
Status: Independent
Enterprise Type: Private Limited Company
Year Established: 1990
Region: R747 - Bristol
Multiple Sites in Country: Yes

Fiscal Year End: December
International Trade: Exporter
Company Registration No.: 2345871
VAT Registration No.: 731 5804 47
D-U-N-S # Number: 1674592


FINANCIAL GROWTH HISTORY

Year	1995	1996	1997	1998	1999
Sales (£000s)	457	623	795	846	922
Profit (£000s)	(12)	22	57	72	87



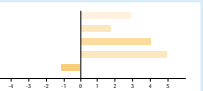
EMPLOYEE GROWTH HISTORY

Year	1995	1996	1997	1998	1999
Employees in Country	4	7	10	12	15



SECTOR COMPARISON (4 DIGIT SIC)

Metric	The Engine Room Ltd	Sector Averages	Relative Score
Sales Growth	8.9%	3%	2.97
Sales per Employee	61.47	51.5	1.19
Employee Growth	25%	5%	5.00
Profit Growth	20.8%	(8%)	3.60
Profit on Sales	9.4%	12%	0.78



Printed on Tuesday April 9 2002, Page 1 of 6

TheWorkx.Net Opportunity Profile

the workx.net SME Opportunity Profile for The Engine Room Ltd © theworkx.net Limited 2002. All rights reserved.

BUSINESS TECHNOLOGY/COMMUNICATIONS TOTALS (MODELLED)

Estimated Number of Desktop PCs:	8	Presence of LAN:	Yes
Estimated Number of PC Servers:	1	Estimated Number of Telephone Lines:	4
Estimated Number of Laptop/Notebook PCs:	2	Estimated Number of Mobile Handsets:	5

BUSINESS VEHICLE/OFFICE EQUIPMENT TOTALS (MODELLED)

Estimated Number of Company Cars:	5	Estimated Number of Photocopiers:	1
Estimated Number of Company Vans:	0	Estimated Number of Printers:	3

BUSINESS ANNUAL EXPENDITURE TOTALS (MODELLED)

Estimated Communications Spend:	£15000	Estimated Office Equipment Spend:	£8000
Estimated Technology Spend:	£22000	Estimated Vehicle/Maintenance Spend:	£60000

BUSINESS OPPORTUNITY CLASSIFICATION (MODELLED)

Life Stage:	Established Small	Innovation Profile:	Likely Early Adopter
Growth Profile:	Productive	Financial Products Profile:	Savings Products
Performance Profile:	High	Decision Making Autonomy:	Autonomous

CUSTOM CLASSIFICATION (MODELLED)

Classification A:	Classification B:	Classification C:	Classification D:
High	Moderate	Very Likely	High

INTERNET USAGE (COLLECTED)

Website:	www.engine-room.co.uk	Number of Active Internet Users:	5
eCommerce:	No	Number of Internet Email Users:	8
Use of Internet for Procurement:	Yes	Use of ASP:	Yes
Primary ISP:	City Netgates		

PLANNED EMPLOYMENT CHANGE (COLLECTED)

Change:	Increase	Amount:	25
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Printed on Tuesday April 9 2002, Page 2 of 6

TheWorkx.Net Opportunity Profile

The Client: Country Property

The Requirements: A UK Real Estate company needed a tool to help make a connection with people browsing their web site.

Implementation: A consultant familiar with our tools developed a 'shopping basket' enabling users to select properties, and a 'personal portfolio' report. Users had to enter an email address to receive the portfolio.

The Business Benefits: This gave the users something impressive to take away and read, and - critically - gave the real estate firm a lead to follow up and a profile on the types of properties the customer was interested in. The report gives full details and floor plans of all properties requested.

Country Property Estate Agents <http://www.country-property.co.uk>

A large 4 bedroom converted Oast in rural Collier Street, near Yalding
Priced at £475,000



LOCATION

The Oast is rurally positioned within the small Village of Collier Street, which itself has its own excellent Primary School and a delightful Church whilst being situated between the charming Villages of Horsmonden and Yalding. The Village of Yalding has a variety of shops, a small Library, Doctors Surgery and a Post Office. The old Church sits adjacent to the longest surviving Grade 1 Listed Medieval Bridge in Kent, still in everyday use for pedestrians and vehicles alike. Paddock Wood offers further & more comprehensive shopping and banking facilities, as well as a Railway Station providing regular services into London. The County Town of Maidstone is within driving distance, and has excellent shopping, recreational & educational facilities. The M20 & M25 provide links to the Coast and Motorway Network.

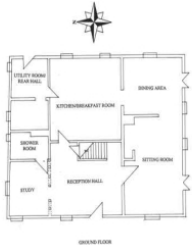
Page 6

Photos and descriptions

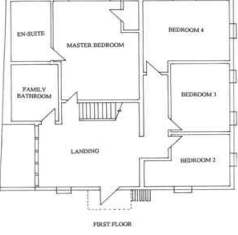
Country Property Estate Agents <http://www.country-property.co.uk>

Plans

GROUND FLOOR



FIRST FLOOR



SECOND FLOOR

Page 13

Floor plans

Alabama State Education Reports

Developed by: Syscon, Inc.

Developed for: Alabama Department of Education

Details: Alabama is the first state in the US to prepare, print, and send home a complete report card on their schools. Larry Bates at Syscon, Inc. created these school reports for the Alabama Department of Education, using the ReportLab software to produce them as PDFs.

GENERAL SCHOOL INFORMATION (cont.)

Portables in School System

Number of Portables Used as Classrooms as of March 1999	59
Number of Portables Used as Classrooms as of September 2000	37
Projected Number of Portables Used as Classrooms as of September 2001	31

Classroom Information

Each school is staffed with full- and part-time faculty and staff. This school currently employs the following professionals:

Classification	This School	All Schools In System
Teachers	72.0	1551.2
Coordinators	2.0	54.5
Librarians	3.0	42.0
Administrators	3.0	82.0
Nurses	0.0	11.0
Other Certified Personnel	1.0	33.0
Support Staff	35.0	1067.0

This chart shows the percentage of teachers holding each type degree at this school.

Highest College Degree	1996-1997	1997-1998	1998-1999	1999-2000	2000-2001
4-Year through Doctorate	4.4%	2.5%	3.3%	2.8%	7.4%
Master's	59.4%	56.3%	60.8%	62.0%	55.6%
Bachelor's	36.2%	41.3%	35.4%	35.2%	43.1%

Alabama's Career/Technical programs are forming partnerships with business and industry to design curricula with their standards. The goal is to certify all programs to industry standards by 2003. The number indicates the percentage of high school programs that have been certified. The letter grade measures whether or not these programs are on track to meet that goal.

Programs Achieving Subindustry Certification	2000-2001 Rate
	71% A

Safety & Discipline

The following chart shows the types of discipline problems that have occurred at this school and what actions were taken in 2000-2001.

Type of Incident	Number of Incidents Reported	Suspension	Action Taken	Sent to Alternative School
Assault	0	2	3	0
Bomb Threat	0	0	0	0
Drug Related	4	2	2	0
Weapon Related	3	1	2	0

Taxpayers' Report

Sources of School System Revenues

School System's Use of Funds

Spending per Student

The chart below shows the spending per student for this school system. The letter grade compares the system's per student spending to the state, southeast, and nation.

Year	Amount	State	Southeast	Nation
1996-1997	\$4,440.12	C	F	D
1999-2000	\$5,714.82	C	C	D+

Mills Equivalent

This is the total amount of revenue collected locally for public school purposes, divided by the value of one regular system mill of ad valorem tax. The state average is 20.78 mills equivalent. This chart compares this school system to others in the state.

This System	Grade
27.90	D+

Baldwin County High School
One Tiger Dr
Bay Minette, AL 36507-3300
(251) 937-2341

State Board of Education
School Report Card for 2000-2001

Baldwin County High School

State Board of Education Members

Gen. Don Nagelman, Board President
Dr. Ethel Bell, Vice President, District 4
Bradley Byrnes, District 1
G.L. "Dennis" Huggins/Whelan, District 2
Stephen Bell, District 3

Ellis Bell, District 5
David F. Byers, Jr., District 6
Stanley Rice, District 7
Dr. Mary Jean Carter, District 8
Ed Buchanan, Superintendent of Education

Academic Performance Summary*

School's Academic Status: CLEAR
School System's Academic Status: CLEAR
Overall School Performance: C
Overall Performance of Baldwin County: B
Overall Performance of State of Alabama: B-

Principal: Mr. Robert W. Salter
Superintendent: Dr. Albert D. Thomas

School Board Members:
Mr. Anthony P. Kaiser
Mr. Dennis V. Skaska
Mr. Robert A. Willis
Mr. Don McGuffir

Ms. Julia Summerlin
Ms. Ruth S. Underwood
Mrs. Denise Schmidt

*Based on Standard Achievement Test, 9th Edition Results

Education Reports Page 1

STUDENT ACADEMIC PERFORMANCE

Alabama students in grades 3-11 are given the Standard Achievement Test each year to measure their academic performance. The chart below shows student academic performance of this school compared to the system and state over the past year. The national average for the Standard Achievement Test, 9th Edition, is 50.

Group	Score	Grade	System	Score	Grade	State	Score	Grade
Grade 3	N/A	N/A	57	B-	55	B-		
Grade 4	N/A	N/A	61	B	58	B		
Grade 5	N/A	N/A	58	B	56	B-		
Grade 6	N/A	N/A	59	B	59	B		
Grade 7	N/A	N/A	59	B	56	B-		
Grade 8	N/A	N/A	57	B-	56	B-		
Grade 9	48	C+	57	B-	52	C+		
Grade 10	39	C-	54	B-	50	C+		
Grade 11	48	C+	59	B	53	C+		
Student Avg.	45	C	58	B	55	B-		

The achievement-ability comparison shows the relationship between students' scores on the Standard Achievement Test and the scores of other students of similar ability. The number in the chart below is the school's numeric average. The letter grade indicates the achievement-ability comparison score.

Year	Score	Grade
1996-1997	4.5	C-
1997-1998	4.7	C
1998-1999	4.8	C
1999-2000	4.8	C
2000-2001	4.9	C+

ACT Testing

Most students planning to attend college take at least one of several college entrance exams. One of the best known is the ACT. This chart shows the highest average ACT score for the senior class in this school and how it compares to state and national averages.

Year	Score	Grade	System	Score	Grade	State	Score	Grade
1996-1997	21.2	C+	20.4	C	21.2	C+	20.5	C
1997-1998	20.1	C	20.2	C	20.2	C	20.2	C
Nation	20.8	N/A	21.0	N/A	21.0	N/A	21.0	N/A

Dropout Rate

This number represents the percent of students in 9th grade in 2000 who are projected to leave school prior to graduation in 2003. The grade compares this school to the state average.

Year	Dropout Rate	Grade
2000-2001	14.62%	C+

GENERAL SCHOOL INFORMATION

Average Daily Membership

This is the average number of students on attendance rolls during the first 40 days of school.

Year	ADM
2000-2001	1196.80
1999-2000	1193.69
1998-1999	1223.93
1997-1998	1213.68
1996-1997	1258.87

Average Daily Attendance

This is the percentage of students that attend school each day.

Students Eligible for Free or Reduced Priced Meals

This is the percentage of students that have applied and are approved. It is an indicator of poverty.

Graduation Exam

Alabama has the toughest graduation requirements in the United States. High school students must earn at least 24 credits, including four years of math, science, English, and social studies. Students must also pass an exam to earn regular diplomas. This chart shows the percentage of 12th graders from this school passing the exam.

Subject	Score	Grade
Reading	95%	A
Language	96%	A

Technology

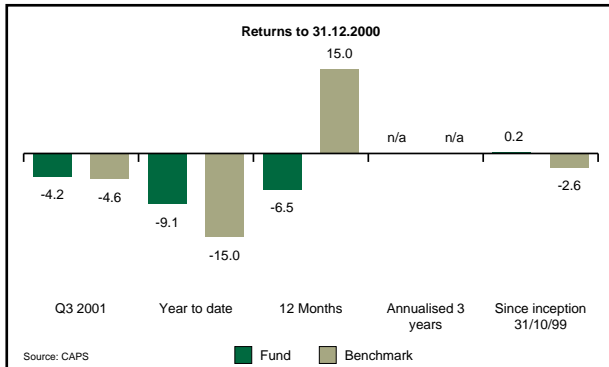
Internet access and computer use in public schools.

Education Reports Page 2

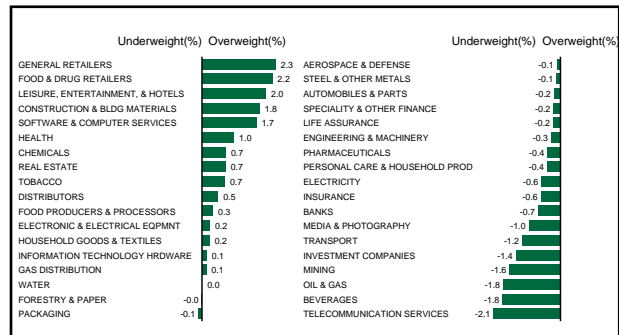
Graphics and Drawings

In addition to making dynamic PDF documents, we have a very rich framework for creating charts and custom data graphics. Standard chart types can be created within a GUI, and we can realize almost any custom data graphic as a new "reusable object" with minimal work. The charts may be included within PDF documents, but also generated as bitmaps for the web, or input into professional publishing systems. The next few pages show some sample charts and data graphics.

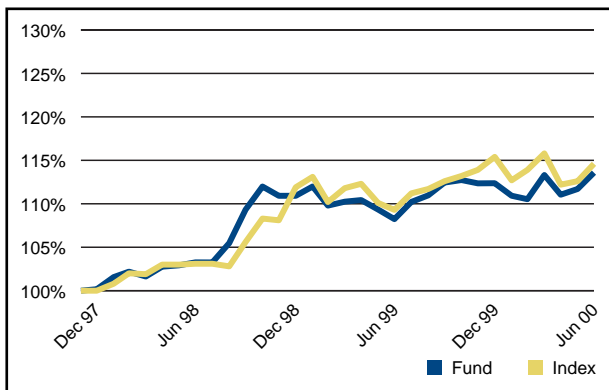
The charts below are mostly from actual financial reports. These are part of the standard library, but Diagra makes it easy to design your own.



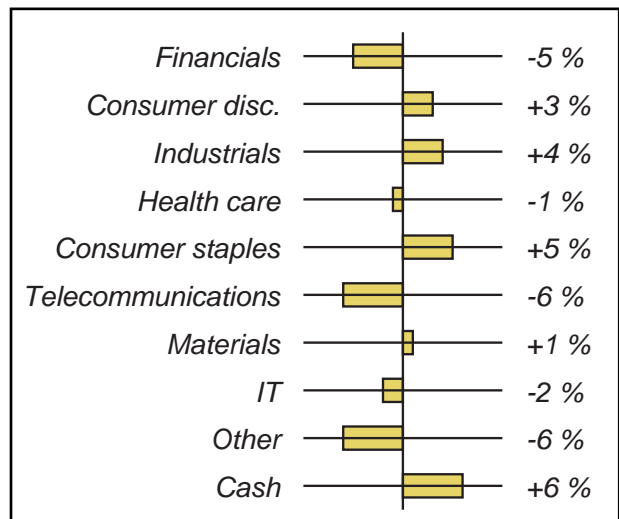
Decorated vertical barchart.



Paired barcharts.



A linechart.



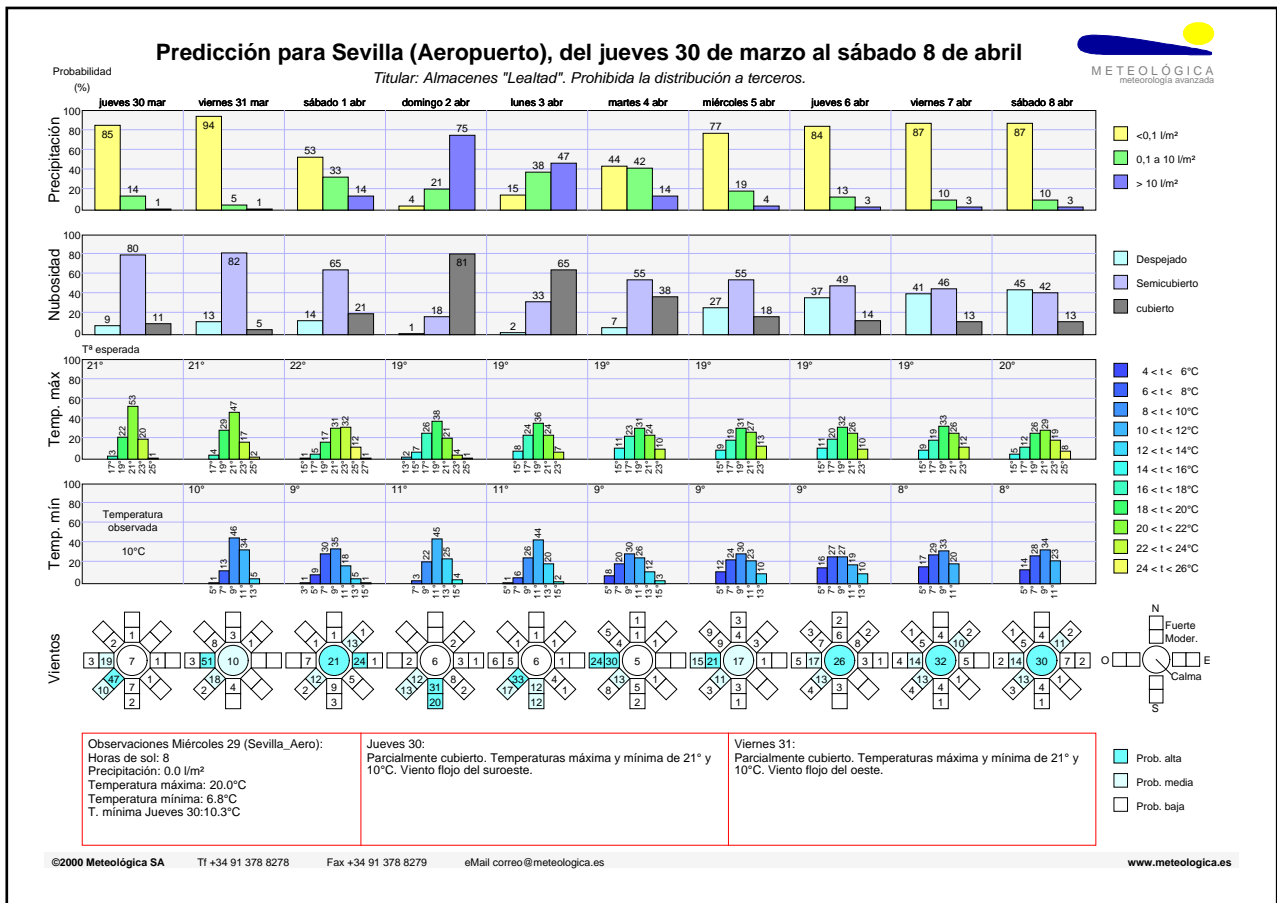
Horizontal barchart w/centre axis.

Meteorological Reports

Developed by: Marcos Sánchez Provencio

Developed for: METEOLÓGICA, SA

Details: Marcos Sánchez Provencio from Spain used our PDF library to create some very impressive meteorology charts for the airport at Seville. These charts were generated using the ReportLab open source toolkit and provide a ten day forecast.



Meteorological Reports

Note: This example does not use our Diagra graphics system because it predates it; the author coded the individual components to specific sizes within the report. Mr. Provencio's chart was one of our sources of inspiration when we set out to design a re-usable graphical widget library.

How this document was made

This document is itself an example of how ReportLab's publishing technology differs from most other PDF libraries. We "eat our own dogfood", using our own PDF publishing system based on Report Markup Language (RML) to create this document and the rest of our product literature. We don't know of any competing PDF libraries that can do this.

The individual documents showcased in this sampler were made using a mixture of our technologies (including the free Open Source reportlab toolkit, the Report Markup Language, PageCatcher and our other tools).

The many inset pages were saved as individual PDFs in the sampler directory, and converted into forms using our PageCatcher product.

These data files were inserted into and resized in an RML document which was then used by *RML2PDF* to create the final output PDF file you are reading now.

For More Information

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