



# “Ultimate” – a web based chart data system

David Viewing  
Ranger Computers

# Ranger

- Ranger have been capturing chart data in retail stores since 1993.
- Sales data is harvested from multiples, supermarkets, download sites and independents.
- Independents are important but present real technical challenges.

# The Chart Compiling Challenge

- Getting the sales data
- Figuring out what it is – the catalogue issue
- Presenting the results
- Doing it all in real time

# Stores vary



From the sublime...

....To the multinational



# ....to the online

TRADITIONAL & CONTEMPORARY FOLK MUSIC SPECIALIST

Info Contact Links Home

Search

Find →

Create Account Log In

Cart Contains 0 items

Checkout

Japan EU USA UK

Welcome to the Coda Website.

For those who don't know us, we are a Folk Music and Scottish Music shop on The Mound in Edinburgh, and have been here since 1997.

As a real shop we welcome your visits, or phone calls or e mails. If you can't find what you're looking for, remember our stock changes daily, so just get in touch or look again tomorrow.

You can listen to every track on every album in stock! We can't begin to tell you what a fun job that was. We hope you like it.

Latest News

1. New albums just arrived by .....

Menu

- Home
- New Releases
- Best Sellers
- FOLK
- BLUES
- COUNTRY

New Releases

	Leave Your Sleep (selections From) Natalie Merchant CD £12.99
	Westerner Wynthown Marshals CD £9.99 Listen // Buy
	Soma John Mcsherry CD £10.99 Listen // Buy

# Harvesting music retail data

- Many different retail systems
- Sometimes huge costs in adapting POS systems to chart reporting
- No system at all in smaller stores
- High management cost
- Varying time periods and data content
- Uncertain quality

# The 'real' costs

- Traditional IT systems supplying sales data have a high cost of ownership
- Many retailers are unwilling to invest IT money in chart reporting
- Very few POS systems can report in real time

# The 'Ultimate' solution

- Retailers, and suppliers, provide data in spreadsheet format via email
- New wireless technology captures sales data in real time with no installation cost
- All data is maintained online, eliminating traditional IT infrastructure

# OTIS works anywhere with no installation cost



# The catalogue issue

- Getting sales data is only part of the story
- You have to know what every item is
- And in near real time
- This needs a dedicated catalogue

# The 'Ultimate' catalogue

- Accepts information feeds in suppliers' own format – typically spreadsheet
- Uses automated email for simplicity and verifiability
- Data is integrated instantly
- Suppliers can verify and amend their own data
- Each supplier's data is held discretely

# A catalogue of many uses

- 'Exploding' the chart into descriptive content
- Product re-ordering systems like Ranger's 'Qubit'
- Populates POS systems like Ranger's own system, 'Oscar', and many others

# Bringing it all together



OTIS



Multiples



Web Stores

“Ultimate” web server

Extended catalogue

On line charts on demand



Pos

# Charts on demand

Market WTD: 3242, Last Week: 60589, Previous Week: 47252

Ultimate SALES CHARTS

You are logged in as Ranger of Ranger

RANGER COMPUTERS ifpi

[Home](#) | [News](#) | [Realtime Sales](#) | [Sales Summary](#) | [Reports](#) | [National Charts](#) | [Charts \(WIP\)](#) | [Your Products](#) | [Search](#) | [Documentation](#) | [Setti](#)

- [All Products](#) | [Albums](#) | [Download](#) | [DVD](#) | [Independent](#) | [Mid price](#) | [Singles](#) | [Presales](#)

## All Products Chart

All Products Chart for the Week ending 2010-05-11 21:59:59 +010 (5 days ago)  
This chart has not been published.

Unknown products are not included below.

Top 10 sellers during this chart period (all products):

SELLER	LATEST	SALES
GNT Finland	Tuesday	23332
Anttila	Tuesday	15064
CDON	Tuesday	6871
Stockmann	Tuesday	4254
Stupido	Tuesday	3971
Levykauppa Åx	Tuesday	3131
Swamp Music	Tuesday	793
EasyZone	Tuesday	648
Firebox	Tuesday	403
Suomalainen Kirjakauppa	Tuesday	396

Please check the spelling and attribution of these products.

Key  
1 Chart Position

# Real Time sales

Shop Sales - Windows Internet Explorer

https://www.chartretailer.com/phoenix/Shop\_Sales.php

PHOENIX CHARTRETAILER.COM

news | change shop | system status | settings | bar charts | realtime sales | reports | logout [ rangeradmin ]

THE OFFICIAL UK CHARTS COMPANY

RANGER COMPUTERS

MillwardBrown

PRIVATE AND CONFIDENTIAL

The Official Charts Company Logo

**Barnstorm Records (0346)**

Last 15 scanned items

Showing sales from Phoenix: 0 Black

Barcode  Scan Time  Sold In Day  Title  Artist  Format  Class  Released

BARCODE	SCAN TIME	SOLD IN DAY	TITLE	ARTIST	FORMAT	CLASS	RELEASED
5030305104559	11:15:46 2008-08-27	1	ASTEROID	-		V	2006-06-26
0685738836222	11:02:11 2008-08-27	1	THE VERY BEST OF - 1990-2000	SARAH BRIGHTMAN		A	2001-05-28
0094638911326	09:58:01 2008-08-27	1	THE COLLECTION	SANDIE SHAW		A	2007-03-26
5014675507172	09:30:03 2008-08-27	1	SCOTLAND FOREVER	TOMMY SCOTT		V	2005-05-27
5050159117024	11:01:16 2008-08-25	1	FROM THE OUTSIDE	BERT JANSCH		A	2001-03-19
5050159133321	11:01:14 2008-08-25	1	NICOLA	BERT JANSCH		A	2002-01-21
0003624325420	16:17:47 2008-	1	AROUND THE BEND	RANDY TRAVIS		A	2008-08-

http://www.theofficialcharts.co.uk/

Start | Internet | 100% | 11:25