

# How to use Orbis – Basics

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1. Go to 'Databases in Accounting and Finance' homepage:  
<http://lipas.uvasa.fi/~jaty/dbases.html> and choose Orbis or go directly to Orbis pages: <http://lipas.uvasa.fi/~jaty/tp/orbis.html>
2. If you are using a computer located in University of Vaasa network, click the first link. If you are using your own computer e.g. at home click the second link.



UNIVERSITY OF VAASA

## Orbis

Orbis contains information on 300 million listed and unlisted companies worldwide.

See more information [here](#).

You can access Orbis using computers in University of Vaasa [here](#).

You can access Orbis through Tritonia's Finna search service [here](#).

[How to use Orbis - Basics](#).

Updated 17.1.2019.

<http://www.uvasa.fi/~jaty/tp/orbis.html>



Back to start page

[\[University of Vaasa\]](#) [\[Accounting and Finance\]](#) [\[Databases in Accounting and Finance\]](#)

3. If you use your own computer, you must log in to Tritonia's Finna service (upper right corner). Then choose 'Open database'.

The screenshot shows the library website interface. At the top, there are navigation links: Library, Search functions, Instructions, Change portal, and Feedback. In the top right corner, there are language options (FI | SV) and a LOGIN button, which is circled in yellow. Below the navigation is the Vaasan yliopisto logo and the TRITONIA and FINNA logos. A search bar is present with the text 'Find...' and a search icon. Below the search bar, there are options for 'All fields' and 'Advanced search'. The main content area shows the Orbis database entry. The title 'Orbis' is circled in yellow, and the 'Open database' button is also circled in yellow. Below the title, it says 'Database' and 'Bureau van Dijk'. A description follows: 'Orbis contains information on over 30 million companies worldwide. The full version (all companies) covers the same information as Amadeus (European company database)'. At the bottom, there are 'Material type' and 'Reference books' labels. On the right side, there is a 'MATERIAL PROVIDED BY' section with 'Tritonia - Tria' and a 'Give feedback' button. Below that is a 'SIMILAR ITEMS' section with a partially visible link 'Orbis literature'.

4. Accept the conditions.

**orbis**

## User License Agreement for access by academic institutions to databases published by Bureau van Dijk (BvD)

The user (the academic institution) understands that the database is made available for exclusive educational use and accepts that it will not publish or make the data available to a third party, other than in the normal course of its educational activities.

The user understands that the usage of the database during internship for other than educational purposes is also not allowed

When the user's students are no longer a registered student in a department that provides academic access to the software, those students may no longer make use of that access

If a student violates the terms of this License Agreement BvD will demand removal of their access to the service and report the violation to the responsible access provider i.e. University

The general 'Terms and Conditions' applies in addition to the present License agreement.

**Accept** Cancel

5. Here is the home page of Orbis database.

**orbis**

Find a company

Create your search

**Add a search step**  
Choose a search step from the list to add it to your search

- Favourites
- Company
- Identifiers
- Location
- Activities and Industry
- Financials
- Directors, managers and advisors
- Ownership
- Stock and Earnings estimates
- Credit default swaps
- Recent updates
- Notes and custom data

**Load a search**  
Retrieve a search that you have saved

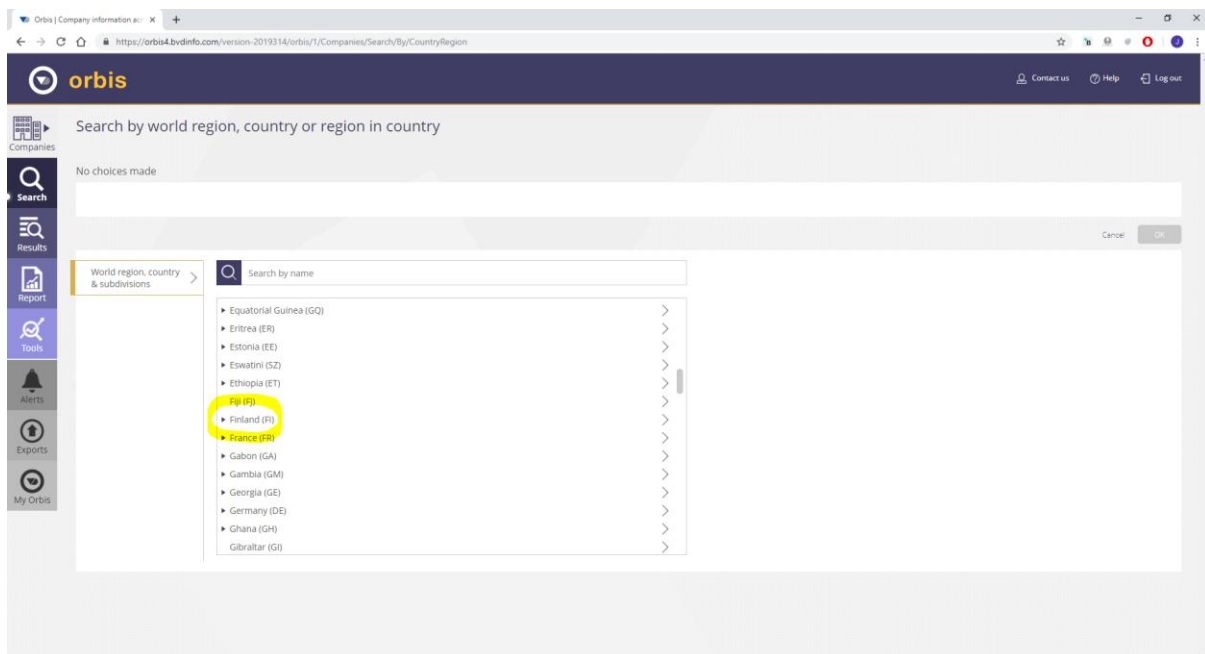
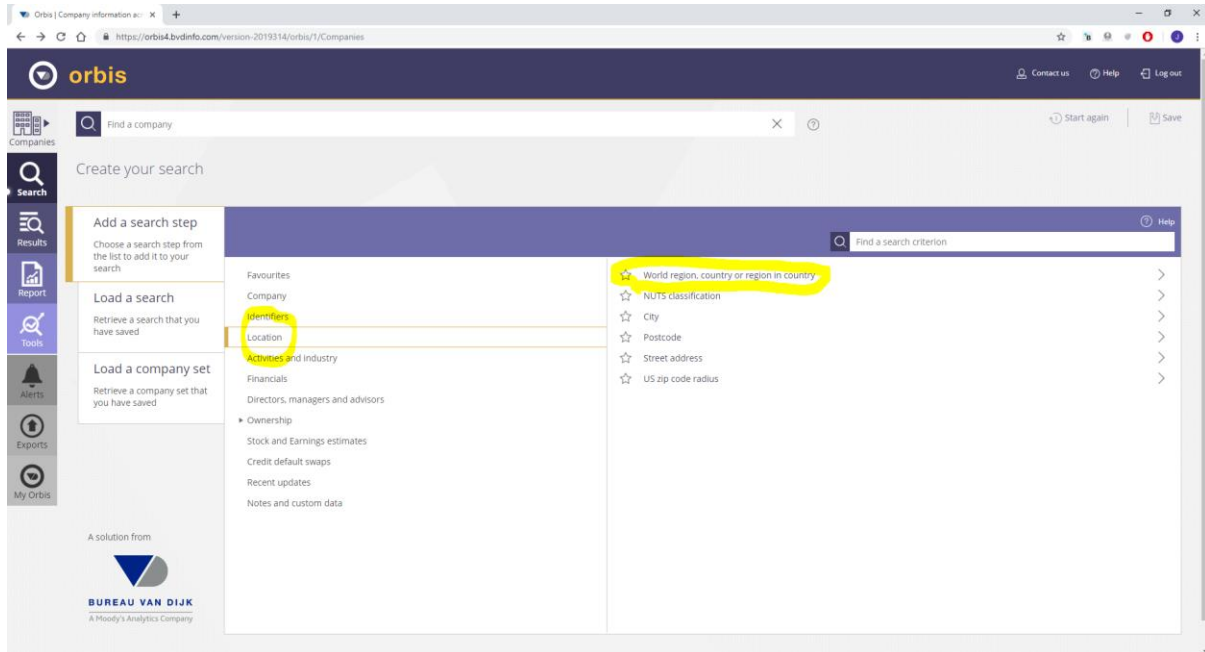
**Load a company set**  
Retrieve a company set that you have saved

Find a search criterion

- Company name
- Status
- Standardised legal form
- National legal form
- Legal events
- Number of employees
- Telephone and fax number
- Website or e-mail
- Year of incorporation
- Size classification
- All companies with
- All companies
- US companies owned or managed by women
- US companies owned or managed by an ethnic minority

A solution from **BUREAU VAN DIJK**  
A Moody's Analytics Company

6. You can use many criterias to choose the companies. E.g. location in Finland. Click 'OK' when ready.



- After inserting all criteria you can see total number of companies for the search. Then click 'View results'.

The screenshot shows the Orbis search interface. At the top, there's a search bar with the text "Find a company". Below it, a summary of the search criteria is displayed:

Search step	Result for:	Step	Search
1. Status: Active companies, Unknown situation	>	241,128,816	241,128,816
2. World region/Country/Region in country: Finland	>	1,551,050	1,433,701
3. Main stock exchange: Nasdaq OMX - Helsinki - [FI:HEL]	>	154	154
Total:			154

Below the table, there's a "Boolean search:" field with the text "1 and 2 and 3" and a "Refresh" button. In the bottom right corner, a "View results" button is highlighted with a yellow circle.

- Now you can choose variables you need. First choose the currency you want to use. Then choose 'Free view'. Click 'Add/remove columns'.

The screenshot shows the Orbis search results page. At the top, there's a navigation bar with "Actions", "Currency", "Save", and "Excel" buttons. Below it, a summary of the search criteria is displayed:

Search step	Result for:	Step	Search
1. Status: Active companies, Unknown situation	>	241,128,816	241,128,816
2. World region/Country/Region in country: Finland	>	1,551,050	1,433,701
3. Main stock exchange: Nasdaq OMX - Helsinki - [FI:HEL]	>	154	154
Total:			154

Below the table, there's a "Boolean search:" field with the text "1 and 2 and 3" and a "Refresh" button. In the top right corner, "Currency" and "Free view" buttons are highlighted with yellow circles. In the bottom right corner, an "Add/remove columns" button is highlighted with a yellow circle.

The main content area shows a list of companies with the following columns: Company name, Country ISO code, City, NACE Rev. 2, core code (4 digits), Consolidation code, and Last avail. year.

Company name	Country ISO code	City	NACE Rev. 2, core code (4 digits)	Consolidation code	Last avail. year
1. NOKIA OYJ	FI	ESPOO	2630	C1	2017
2. NESTE OYJ	FI	NESTE	1920	C1	2017
3. KESKO OYJ	FI	KESKO	4649	C1	2017
4. STORA ENSO OYJ	FI	HELSINKI	1712	C1	2018
5. UPM-KYMMENE OYJ	FI	HELSINKI	1712	C1	2018
6. KONE OYJ	FI	ESPOO	2822	C1	2018
7. FELLOW FINANCE OYJ	FI	HELSINKI	6619	C1	2017
8. NORDEA BANK ABP	FI	NORDEA	6419	C2	2018
9. OUTOKUMPU OYJ	FI	ESPOO	2410	C1	2018
10. SAMPO OYJ	FI	TURKU	8500	C2	2017
11. FORTUM OYJ	FI	ESPOO	3511	C1	2018
12. WARTSILA OYJ	FI	HELSINKI	2815	C1	2018
13. YIT OYJ	FI	HELSINKI	6470	C7	2018

9. Check the variables you need one by one.

The screenshot shows the 'Add/remove columns' interface in the Orbis system. The interface is divided into three main sections:

- Left Panel (Search/Results):** Contains a search bar and a list of categories. The 'Key financials & employees' category is highlighted.
- Center Panel (Show codes):** A list of variables with checkboxes and gear icons. The variables listed are: Add all, Operating revenue (Turnover), P/L before tax, P/L for period [-Net income], Cash flow, Total assets, Shareholders funds, Current ratio (x), Profit margin (%), ROE using P/L before tax (%), ROCE using P/L before tax (%), Solvency ratio (Asset based) (%), and Number of employees.
- Right Panel (Remove all):** A list of variables to be removed, including: Country ISO code, City, NACE Rev. 2, core code (4 digits), Consolidation code, and Last avail. year.

At the bottom right, there are 'Cancel' and 'Apply' buttons.

10. Usually it is recommended to use 'Time period: Absolute'. Check the data years you need. Check also that you have the right currency. Click 'Add'.  
When you have added/removed all the variables you need, click 'Apply'.

### Column options

Choose which information you wish to see in this column

Time period

Relative **Absolute**

Annual data

- 2018
- 2017
- 2016
- 2015
- 2014
- 2013
- 2012
- 2011
- 2010
- 2009

Interim data

- 2018 Quarter 4
- 2018 Quarter 3
- 2018 Quarter 2
- 2018 Quarter 1
- 2017 Quarter 4
- 2017 Quarter 3
- 2017 Quarter 2
- 2017 Quarter 1
- 2016 Quarter 4
- 2016 Quarter 3

Currency(ies)

- Original currency
- AUD
- CAD
- CHF
- DKK
- EUR
- GBP

Units

- Units
- thousand
- million
- billion

Exchange rate

- At each closing date
- At last closing date
- My rates

Cancel **Add**

Orbis | Company information ac... x

https://orbis4.bvdinfo.com/version-2019314/orbis/1/Companies/ListEdition#

orbis

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Back to results

Companies Add/remove columns

Help Show codes Find a column Remove all

icons & search criteria

- Contact information
- Industry & activities
- Identification numbers
- Legal & account information
- Financial data
  - Accounts header
  - Key financials & employees
    - Global standard format
    - Detailed format
    - Cash flow statement
    - Global ratios
  - Ratings
  - National scores
  - Segment data

Add all

- Operating revenue (Turnover)
- P/L before tax
- P/L for period (=Net income)
- Cash flow
- Total assets
- Shareholders funds
- Current ratio (x)
- Profit margin (%)
- ROE using P/L before tax (%)
- ROCE using P/L before tax (%)
- Solvency ratio (Asset based) (%)
- Number of employees

- Total assets 1st EUR 2016
- Total assets 1st USD 2016
- Total assets 1st EUR 2015
- Total assets 1st USD 2015
- Total assets 1st EUR 2014
- Total assets 1st USD 2014

Cancel **Apply**

11. Now you can see the data. Click 'Excel' to export the data to Excel.

Orbis | Company information ac: x +  
 https://orbis4.bvdinfo.com/version-2019314/orbis/7/Companies/List

orbis Contact us Help Log out

Companies Actions Currency Save **Export**

You have modified the view. Save as Undo changes

Your search: 154 companies Free view

Search step	Result for:	Step	Search
1. Status: Active companies, Unknown situation	>	241,128,816	241,128,816
2. World region/Country/Region in country: Finland	>	1,551,050	1,433,701
3. Main stock exchange: Nasdaq OMX - Helsinki - [H:EL]	>	154	154
Boolean search: 1 and 2 and 3 Refresh			Total: 154

Boolean search: 1 and 2 and 3 Refresh

Add a search step

1 2 3 4 5 6 7 > page 1 of 7 Add/remove columns

Company name	Country ISO code	City	NACE Rev. 2, core code (4 digits)	Consolidation code	Last avail. year	Total assets th EUR Last ...	Total assets th USD Last ...	Total assets th EUR 2018	Total assets th USD 2018	Total assets th EUR 2017	Total assets th USD 2017
1. NOKIA Oyj	FI	ESPOO	2630	C1	2017	41,024,000	49,200,066	n.a.	n.a.	41,024,000	49,200,066
2. NESTE Oyj	FI	NESTE	1930	C1	2017	7,793,000	9,346,142	n.a.	n.a.	7,793,000	9,346,142
3. KESKO Oyj	FI	KESKO	4640	C1	2017	4,471,600	5,362,788	n.a.	n.a.	4,471,600	5,362,788
4. STORA ENSO Oyj	FI	HELSINKI	1712	C1	2018	12,849,000	14,712,112	12,849,000	14,712,112	11,770,000	14,115,700
5. UPM-KYMMENE Oyj	FI	HELSINKI	1712	C1	2018	13,996,000	16,025,428	13,996,000	16,025,428	13,067,000	15,671,200
6. KONE Oyj	FI	ESPOO	2822	C1	2018	7,734,000	8,855,434	7,734,000	8,855,434	7,461,900	8,949,000
7. FELLOW FINANCE Oyj	FI	HELSINKI	6619	C1	2017	21,890,293	26,253,019	n.a.	n.a.	21,890,293	26,253,019
8. NORDEA BANK ABP	FI	NORDEA	6419	C2	2018	551,408,000	631,362,478	551,408,000	631,362,478	581,612,000	667,527,000
9. OUTOKUMPU Oyj	FI	ESPOO	2410	C1	2018	5,998,000	6,867,713	5,998,000	6,867,713	5,887,000	7,060,000
10. SAMPO Oyj	FI	TURKU	6500	C2	2017	49,300,000	59,125,469	n.a.	n.a.	49,300,000	59,125,469
11. FORTUM Oyj	FI	ESPOO	3511	C1	2018	22,409,000	25,658,318	22,409,000	25,658,318	21,753,000	26,088,300

12. Click 'Export' to start exporting the data.

Export to Excel

Name:

► Show options for Excel

What would you like to export?

For which companies ?

Your export is saved to Exports

Also send email

13. First worksheet in Excel shows the criteria used.



Export\_20.03\_2019 12.17 - Thomson Reuters Eikon is online

File Home Insert Page Layout Formulas Data Review View Thomson Reuters Thomson Reuters Datastream PDF-XChange Tell me what you want to do...

Clipboard Font Alignment Number Styles

Normal Bad Good Neutral Calculation Input Linked Cell Note

Check Cell Explanatory... Insert Delete Format Fill AutoSum Sort & Find & Filter Select Clear

A1 List export

List export			
1	Product name	Otilis	
2	Update number	181004	
3	Software version	181	
4	Data update	15/03/2019 (n° 181004)	
5	Username	University of Vaasa1-1	
6	Export date	20/03/2019 12:19:09 PM	
Search Strategy			
8	Search Step		Step result Search result
9	Status	Active companies, Unknown situation	241,128,816 241,128,816
10	World region/Country/Region in country	Finland	1,551,050 1,433,701
11	Main stock exchange	Nasdaq OMX - Helsinki - [NHEL]	154 154
12	Boolean search	1 and 2 and 3	
13	TOTAL		154
Search options			
15	Financial searches	Exclude companies with no recent financial data	
16	Sets of accounts	Exclude public authorities/states/governments	
17		The most recent accounts available	
Information options			
19	Fiscal year end	31/03	
Definition of the Ultimate Owner			
21	The minimum percentage of control in the path from a subject company to its Ultimate Owner must be: 50		
22	A company is considered to be an Ultimate Owner(UJO) if it has no identified shareholders or if it's shareholder's percentages are not known.		
Definition of the Beneficial Owner			
24	Path of min 10 00% at first level, minimum 50 01% at further levels, incl. top level individuals with unknown percentage or with min 10 00% (50 01% at each level)		
25			
26			
27			
28			
29			
30			

Search summary Results

14. The results can be found in worksheet 'Results'.

Export\_20.03\_2019 12.17 - Thomson Reuters Eikon is online

File Home Insert Page Layout Formulas Data Review View Thomson Reuters Thomson Reuters Datastream PDF-XChange Tell me what you want to do...

Clipboard Font Alignment Number Styles

Normal Bad Good Neutral Calculation Input Linked Cell Note

Check Cell Explanatory... Insert Delete Format Fill AutoSum Sort & Find & Filter Select Clear

A1

Company name	Country ISO code	City	NACE Rev. 2, core code (4 digits)	Consolidation code	Last avail. year	Total assets in EUR Last avail.	Total assets in USD Last avail.	Total assets in EUR 2018	Total assets in USD 2018	Total assets in EUR 2017	Total assets in USD 2017
1. NOKIA OYJ	FI	ESPOO	2630	C1	2017	41 024 000	49 200 066	n.a.	n.a.	41 024 000	49 200 066
2. NESTE OYJ	FI	NESTE	1920	C1	2017	7 793 000	9 346 142	n.a.	n.a.	7 793 000	9 346 142
3. KESKO OYJ	FI	KESKO	5649	C1	2017	4 471 600	5 362 788	n.a.	n.a.	4 471 600	5 362 788
4. STORA ENSO OYJ	FI	HELSINKI	1712	C1	2018	12 849 000	14 712 112	12 849 000	14 712 112	11 770 000	14 110 000
5. UPM-KYMMENE OYJ	FI	HELSINKI	1712	C1	2018	13 996 000	16 025 428	13 996 000	16 025 428	13 067 000	15 610 000
6. KONE OYJ	FI	ESPOO	2822	C1	2018	7 734 000	8 855 434	7 734 000	8 855 434	7 461 900	8 640 000
7. FELLOW FINANCE OYJ	FI	HELSINKI	6619	C1	2017	21 890 293	26 253 019	n.a.	n.a.	21 890 293	26 253 019
8. NORDEA BANK ABP	FI	NORDEA	6419	C2	2018	551 408 000	631 362 478	551 408 000	631 362 478	581 612 000	697 500 000
9. OUTOKUMPU OYJ	FI	ESPOO	3410	C1	2018	5 998 000	6 867 713	5 998 000	6 867 713	5 887 000	7 060 000
10. SAMPO OYJ	FI	TURKU	5500	C2	2017	49 300 000	59 125 469	n.a.	n.a.	49 300 000	59 125 469
11. FORTUM OYJ	FI	ESPOO	3511	C1	2018	22 409 000	25 658 318	22 409 000	25 658 318	21 753 000	26 060 000
12. WARTILA OYJ	FI	HELSINKI	2815	C1	2018	6 059 000	6 937 558	6 059 000	6 937 558	5 648 000	6 770 000
13. YIT OYJ	FI	HELSINKI	6420	C2	2018	3 494 800	4 001 548	3 494 800	4 001 548	2 193 300	2 600 000
14. KONECRANES OYJ	FI	HYVINKAA	2822	C1	2017	3 562 900	4 272 984	n.a.	n.a.	3 562 900	4 272 984
15. CARGOTEC OYJ	FI	HELSINKI	5222	C1	2018	3 683 900	4 218 068	3 683 900	4 218 068	3 569 300	4 260 000

Search summary Results