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asks the right questions!



## Directory Assistance/Enquiry to Wireless Numbers in the European Market

This highly detailed report provides a detailed analysis of the opportunity for the introduction of wireless numbers to the directory assistance/enquiry (DA/DQ) database by country and by carrier in the European market. It highlights successes in Scandinavian markets and which key elements are applicable to other markets. Information is provided for 24 individual countries in both local currencies and Euros and is aggregated regionally.

### This Report Includes:

- 112 Charts and Tables including
  - Key telephony statistics
  - Current & incremental revenues
  - Current & incremental volumes
  - Pricing levels for each market
- 24 Countries and 12 currencies with a regional roll-up in Euros
- Covers detail for the associated revenue impacts for each wireless carrier in this region
- Addresses privacy issues for individual markets
- Provides a steady state analysis of the revenue streams and call volumes for European countries where WDA is in place

### Who Needs This Report?

- Directory assistance/enquiry providers interested in increasing revenues between 12 and 15 percent
- Wireless carriers seeking to increase average revenue per user (ARPU)
- Technology suppliers to the industry
- Venture capital firms and investors in the information services arena

**Understand the market, understand the players, and leverage trends that will change how you do business.**

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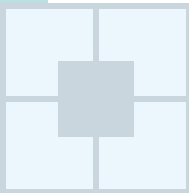
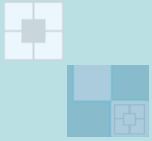


# Directory Assistance/Enquiry to Wireless Numbers in the European Market



## Table of Contents

<b>Glossary</b>	<b>9</b>
<b>Executive Summary</b>	<b>11</b>
<b>Adding Mobile Numbers to the Database</b>	<b>19</b>
<b>The Scandinavian Experience</b>	<b>22</b>
Denmark	24
Finland	28
Norway	31
Sweden	35
<b>The Opportunity</b>	<b>39</b>
Point of Sale is Critical	40
Data Clean Up Needed	42
Privacy as an Asset	43
Greater Consumer Privacy AND Better Connectivity	45
<b>Detail by Country</b>	<b>50</b>
Andorra	50
Austria	52
Belgium	55
Czech Republic	58
France	62
Germany	65
Greece	68
Hungary	72
Ireland	76
Italy	79
Luxembourg	82
The Netherlands	84
Poland	87
Portugal	92
Romania	95
Slovakia	100
Spain	104
Switzerland	107
Turkey	111
United Kingdom	115
<b>Wireless Carrier Impact</b>	<b>120</b>
Vodafone	122
T-Mobile	123
Orange	124
O-2	125
Tele2	126
<b>Summary</b>	<b>127</b>
<b>Related Research</b>	<b>129</b>
About the Author	130



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info@pierzgroup.com  
248-922-1501  
www.pierzgroup.com

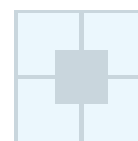


# Directory Assistance/Enquiry to Wireless Numbers in the European Market



## Table of Charts & Figures

Figure 1 Telephone Subscribers by Country	13
Figure 2 Projected Wireless DA/DQ Revenues by 2008	14
Figure 3 Market Summary: Denmark	24
Figure 4 Impacts of WDA: Denmark (€)	25
Figure 5 Impacts of WDA: Denmark (kr.)	26
Figure 6 WDA Revenue by Wireless Carrier: Denmark (€)	27
Figure 7 WDA Revenue by Wireless Carrier: Denmark (kr.)	27
Figure 8 Market Summary: Finland	28
Figure 9 Impacts of WDA: Finland	29
Figure 10 WDA Revenue by Wireless Carrier: Finland	30
Figure 11 Market Summary: Norway	31
Figure 12 Impacts of WDA: Norway	32
Figure 13 Impacts of WDA: Norway (kr.)	33
Figure 14 WDA Revenues by Wireless Carrier: Norway (€)	34
Figure 15 WDA Revenues by Wireless Carrier: Norway (kr.)	34
Figure 16 Market Summary: Sweden	35
Figure 17 Impacts of WDA: Sweden	36
Figure 18 Impacts of WDA: Sweden	37
Figure 19 WDA Revenues by Wireless Carrier: Sweden (€)	38
Figure 20 WDA Revenues by Wireless Carrier: Sweden (kr.)	38
Figure 21 Percentage of Listed Mobile Numbers by Market for Opt-In Markets	40
Figure 22 Percentage of Listed Mobile Numbers by Market for Opt-Out Markets	41
Figure 23 Andorran Market Summary	51
Figure 24 Projected Impacts of WDA: Andorra	51
Figure 25 Austrian Market Summary	52
Figure 26 Projected Impacts of WDA: Austria	53
Figure 27 Impact on Austrian Wireless Carriers	54
Figure 28 Belgian Market Summary	55
Figure 29 Projected Impacts of WDA: Belgium	56
Figure 30 Impact on Belgian Wireless Carriers	57

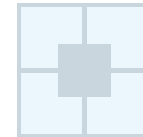
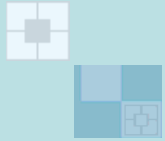


# Directory Assistance/Enquiry to Wireless Numbers in the European Market

Figure 31 Czech Republic Market Summary (Euros)	58
Figure 32 Czech Republic Market Summary (Koruny)	58
Figure 33 Projected Impacts of WDA: Czech Republic (Euros)	59
Figure 34 Projected Impacts of WDA: Czech Republic (Koruny)	60
Figure 35 Impact on Czech Wireless Carriers (Euros)	61
Figure 36 Impact on Czech Wireless Carriers (Koruny)	61
Figure 37 French Market Summary	62
Figure 38 Projected Impacts of WDA: France	63
Figure 39 Impact on French Wireless Carriers	64
Figure 40 German Market Summary	65
Figure 41 Projected Impacts of WDA: Germany	66
Figure 42 Impact on German Wireless Carriers	67
Figure 43 Greek Market Summary	69
Figure 44 Projected Impacts of WDA: Greece	70
Figure 45 Impact on Greek Wireless Carriers	71
Figure 46 Hungarian Market Summary (€)	72
Figure 47 Hungarian Market Summary (Forint)	72
Figure 48 Projected Impacts of WDA: Hungary	73
Figure 49 Projected Impacts of WDA: Hungary (Forint)	74
Figure 50 Impact on Hungarian Wireless Carriers (€)	75
Figure 51 Impact on Hungarian Wireless Carriers (Forint)	75
Figure 52 Irish Market Summary	76
Figure 53 Projected Impacts of WDA: Ireland	77
Figure 54 Impact on Irish Wireless Carriers	78
Figure 55 Italian Market Summary	79
Figure 56 Projected Impacts of WDA: Italy	80
Figure 57 Impact on Italian Wireless Carriers	81
Figure 58 Luxembourg Market Summary	82
Figure 59 Projected Impacts of WDA: Luxembourg	83
Figure 60 Dutch Market Summary	84
Figure 61 Projected Impacts of WDA: Netherlands	85
Figure 62 Impact on Dutch Wireless Carriers	86
Figure 63 Polish Market Summary (€)	87

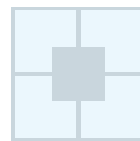
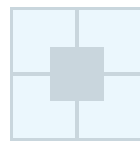
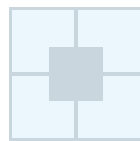
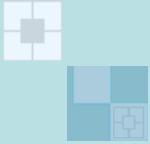
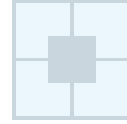
# Directory Assistance/Enquiry to Wireless Numbers in the European Market

Figure 64 Polish Market Summary (zt)	87
Figure 65 Projected Impacts of WDA: Poland (Euros)	89
Figure 66 Projected Impacts of WDA: Poland (Zloytch)	89
Figure 67 Impact on Polish Wireless Carriers (Euros)	90
Figure 68 Impact on Polish Wireless Carriers (Zloytch)	91
Figure 69 Portuguese Market Summary	92
Figure 70 Projected Impacts of WDA: Portugal	93
Figure 71 Impact on Portuguese Wireless Carriers	94
Figure 72 Romanian Market Summary (Euros)	95
Figure 73 Romanian Market Summary (Lei)	96
Figure 74 Projected Impacts of WDA: Romania (Euros)	97
Figure 75 Projected Impacts of WDA: Romania (Lei)	97
Figure 76 Impact on Romanian Wireless Carriers (Euros)	98
Figure 77 Impact on Romanian Wireless Carriers (Lei)	99
Figure 78 Slovakian Market Summary (Euros)	100
Figure 79 Slovakian Market Summary (Sk)	100
Figure 80 Projected Impacts of WDA: Slovakia (Euros)	101
Figure 81 Projected Impacts of WDA: Slovakia (Sk.)	102
Figure 82 Impact on Slovakian Wireless Carriers (Euros)	103
Figure 83 Impact on Slovakian Wireless Carriers (Sk)	103
Figure 83 Impact on Slovakian Wireless Carriers (Sk)	103
Figure 84 Spanish Market Summary	104
Figure 85 Projected Impacts of WDA: Spain	105
Figure 86 Impact on Spanish Wireless Carriers	106
Figure 87 Swiss Market Summary (Euros)	107
Figure 88 Swiss Market Summary (SFr.)	107
Figure 89 Projected Impacts of WDA: Switzerland (Euros)	108
Figure 90 Projected Impacts of WDA: Switzerland (SFr.)	109
Figure 91 Impact on Swiss Wireless Carriers (Euros)	110
Figure 92 Impact on Swiss Wireless Carriers (SFr.)	110
Figure 93 Turkish Market Summary (Euros)	111
Figure 94 Turkish Market Summary (Turkish Lira)	111
Figure 95 Projected Impacts of WDA: Turkey (Euros)	112
Figure 96 Projected Impacts of WDA: Turkey (Lira)	113



# Directory Assistance/Enquiry to Wireless Numbers in the European Market

Figure 97 Impact on Turkish Wireless Carriers (Euros)	114
Figure 98 Impact on Turkish Wireless Carriers (Lira)	114
Figure 99 British Market Summary (Euros)	116
Figure 100 British Market Summary (Pounds)	116
Figure 101 Projected Impacts of WDA: United Kingdom (Euros)	117
Figure 102 Projected Impacts of WDA: United Kingdom (Pounds)	117
Figure 103 Impact on United Kingdom Wireless Carriers (Euros)	118
Figure 104 Impact on United Kingdom Wireless Carriers (Pounds)	119
Figure 105 Summary of Impacts for Large Multinational Wireless Carriers (Euros)	121
Figure 106 Summary of Impacts for Large, Multinational Wireless Carriers(Euros)	121
Figure 107 Summary of Impacts for Vodaphone Euros)	122
Figure 108 Summary of Impacts for T- Mobile Euros)	123
Figure 109 Summary of Impacts for Orange Euros)	124
Figure 110 Summary of Impacts for O-2 (Euros)	125
Figure 111 Summary of Impacts for O-2 (Euros)	126
Figure 112 Total Impact of WDA for European Market	128



Mobile phones are increasingly an individual's main method of communication. For a growing number it is now their only phone, having eschewed a land line all together. In spite of their growing role in communications, outside of Scandinavia very few mobile numbers are included in directory assistance/enquiry (DA/DQ) databases or any type of directory. This represents a substantial opportunity for DA/DQ providers and wireless carriers alike. In Europe, the total opportunity is nearly €1.4 Billion in incremental revenues by 2008.

It also represents a substantial opportunity to improve service to customers and, The Pierz Group argues, to actually improve consumer privacy.

## Executive Summary

Mobile subscriptions now represent more than half of all phone subscribers worldwide. In many countries, mobile subscribers significantly outnumber fixed line subscribers; this number continues to grow. With the exception of some plumbers and tow truck drivers, most of these mobile subscribers are not included in directory assistance/enquiry (DA/DQ) or in a print directory. Under this model, mobile subscribers are largely unreachable today, unless the caller has the number, they cannot call a mobile phone. Outside of Scandinavia, there is no national DA/DQ service for mobile phone numbers.

Research has consistently shown that if consumers are given a reasonable amount of privacy protection and, if point of sale communications properly direct consumers toward an opt-in program, consumers will list their mobile phone number. New, and even older, technologies are available to provide the needed privacy protection, and consumers want to be found - at least by those they want to find them.

Projections show this new offering, DA/DQ for mobile numbers or WDA (Wireless Directory Assistance), could grow to approximately 20 percent of DA/DQ markets where it is introduced. It would also add a significant number of additional mobile calls in these markets thus building both DA/DQ revenues and minutes of



usage. Region-wide across Europe, the addition of wireless numbers to the DA/DQ database represents a total revenue opportunity in excess of an **incremental €1.4 billion annually** across European markets. This revenue figure includes an estimated €0.9 billion in incremental wireless revenues from increased call volumes.

Figure 1 on the following page provides the total number of telephone subscribers (main line fixed and wireless). Clearly, the highest growth in the region is coming from Eastern European countries and Turkey. It should be noted that total DA/DQ volumes do not necessarily correlate directly to the total number of telephone subscribers. For example, the United Kingdom has fewer total telephones than Germany, however, the DA/DQ market in the United Kingdom is larger than the German DA/DQ market, even with recent declines in the United Kingdom. It should also be noted that all of the countries profiled report more mobile phones than fixed line phones, with fully one third of the 24 countries covered boasting more than 65 percent of total phones being mobile, none of which have mobile numbers (in any significant percentage) in the DA/DQ database...

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## The Pierz Group

For more information on this and other topics pertaining to the greater directory assistance/enquiry market please contact The Pierz Group. The Pierz Group provides consulting services and high value reports on the key issues facing the greater information services market. We focus on providing detailed, actionable research and analysis as well as strategic consulting services. Regular reports cover the issues and trends most likely to influence the current operations as well as future planning of providers of Directory Assistance/Enquiry services and the vendor community worldwide.

### **Please contact us:**

Phone: +1 248-922-1501

E-mail: [info@pierzgroup.com](mailto:info@pierzgroup.com)

[www.pierzgroup.com](http://www.pierzgroup.com)

