



# Subscriber Data Management (SDM) with LTE and Beyond:

Market Opportunities and Forecast 2012 - 2017

## Overview:

Subscriber data is a crucial commodity for network carriers worldwide, as it can be leveraged to customize services and optimize applications to the market according to subscriber preferences. This creates opportunities for new and/or highly focused services/applications, revenue expansion, and improved customer loyalty and profitability. However, access to subscriber data is often a challenge for network operators. This is due largely to subscriber data being stored in a non-unified distributed architecture comprising a variety of different network elements and services, often vendor-specific, which makes it costly to attain a consolidated view of the data.

Subscriber Data Management (SDM) solutions tackle this problem by unifying subscriber data into a central repository. With this repository, SDM solutions unify cross domain subscriber data from identity, location, presence, authentication, services and access preferences, which can feed into multiple applications through an API interface.

Mind Commerce estimates that with SDM carriers can save up to 40 % in OpEx in contrast to legacy mechanisms for managing subscriber data. In addition to OpEx savings, SDM solutions allow carriers to reduce churn rates by enabling carriers to personalize their services, improve marketing campaigns, and thereby improve revenue by gaining rich customer insights. As carriers continue to invest in network modernization and migrate networks towards LTE, vendors from both telecommunications and IT centric database backgrounds are intensively competing to gain a share of the SDM market. As a consequence, we expect SDM vendor revenues to surpass nearly \$ 3.5 Billion by the end of 2017.

Furthermore, SDM also allows Carriers to establish themselves as brokers of subscriber identity through SDM APIs. Driven by internal utilization within carrier services and identity brokering, the SDM API market is expected to account for nearly \$ 13 Billion in global revenues worldwide by 2017, growing at a CAGR of nearly 100 % between 2013 and 2017.

Subscriber Data Management (SDM) with LTE and Beyond: Market Opportunities and Forecast 2012 – 2017 provides an in-depth assessment of the SDM market, including business models, value chain analysis, operator and vendor strategies, and a quantitative assessment of the industry from 2012 to 2016.

The report addresses the following key topics:

- **Business Case for SDM:** An assessment of the business case for SDM
- **SDM API Technology Review:** A review of the underlying technology supporting SDM solutions
- **A Review of Carrier SDM Deployments:** A review of major SDM solution deployments by carriers worldwide
- **Operator & Vendor Strategies:** An analysis of how operators and vendors will position themselves to capitalize on SDM opportunity
- **Market Analysis and Forecasts:** A global and regional assessment of the market size and forecasts for the SDM market from 2012 till 2016
- **SDM Value Chain:** An analysis of the SDM value chain including a revenue assessment for each component/player and predictions about the economic model evolution



## Key Findings:

- The SDM API market is expected to account for nearly \$ 11 Billion in global revenues worldwide by 2017, growing at a CAGR of nearly 100 % between 2013 and 2017.
- The continued deployment of LTE networks and small cells will play a critical role in maintaining the SDM market's growth, amid a growing demand of convergent, intelligent and vendor agnostic SDM platforms by Carriers.
- The SDM Software & Services market will grow at a CAGR of nearly 32% over the next five years eventually accounting for nearly USD 3.5 Billion in revenues by the end of 2017.

## Key Questions Answered:

- How is the SDM value chain structured ?
- What are Carrier's attitudes towards SDM solutions?
- What is SDM and what benefits does it bring to Carriers?
- What will be the regional outlook for revenue in the SDM market?
- How much will the SDM Software & Services market be worth in 2017 ?
- Which vendors are leading the SDM market and what key strategies for vendors capitalizing on?
- The much revenues can Carriers and Aggregators generate by opening up SDM APIs to third parties ?



## Companies in Report:

Alcatel Lucent  
Amdocs  
Apertio  
AT&T  
Bell Mobility Canada  
Bharti Airtel  
Cell C  
Cellcom  
China Mobile  
Comcast  
DirecTV  
Elisa Oyj  
Ericsson  
Hong Kong Broadband Network  
HP  
Huawei  
Hutchison (H3G)  
IBM

MetroPCS  
Mobily  
Movistar  
Nokia Siemens Networks  
O2-Ireland  
Oracle  
Orascom Telecom  
Reliance Communications  
Rogers Communications  
Safaricom  
Scartel  
Sprint  
Tatung Infocomm  
Tekelec  
Tele2 Sweden  
TeleKom Austria  
Telenor Pakistan  
Telefonica

TeliaSonera  
Telus  
TIM Brasil  
T-Mobile  
Unbound ID  
Verizon Wireless  
Vivo Brazil  
Vodafone

## Target Audience:

- SDM Vendors
- API Aggregators
- Investment Firms
- Application Developers
- Data Mining Companies
- Mobile Device Vendors
- Mobile Network Carriers
- Service Bureau Companies
- Wireless Infrastructure Vendors
- Telecom Managed Service Providers

## Table of Contents:

1	Chapter 1: Introduction	9	4.5	Hutchison (H3G)	43
1.1	Executive Summary	9	4.6	Movistar Argentina	43
1.2	Topics Covered	11	4.7	Mobily Saudi Arabia	44
1.3	Key Findings	12	4.8	Orascom Telecom Algeria	44
1.4	Key Questions Answered	13	4.9	Sprint	45
1.5	Target Audience	14	4.10	Safaricom Kenya	45
1.6	Companies Mentioned	15	4.11	Telenor Pakistan	46
2	Chapter 2: An Overview of SDM Technology	18	4.12	TIM Brasil	46
2.1	The Evolution Towards Next Generation SDM	18	4.13	TeliaSonera	46
2.1.1	What is SDM	18	4.14	Tele2 Sweden	47
2.1.2	The SDM Ecosystem	19	4.15	Verizon Wireless	47
2.1.3	Distinguishing Legacy and Next Generation SDM Solutions	20	5	Chapter 5: Vendor Landscape	48
2.2	Key Elements of SDM Solutions	21	5.1	Vendor Ranking Matrix	48
2.2.1	Enablers:	21	5.2	Vendor Product Portfolio and Strategy	50
2.2.2	Data Collection Engine:	21	5.2.1	Nokia Siemens Networks	50
2.2.3	Identity Management:	21	5.2.2	Ericsson	53
2.2.4	Data Management:	21	5.2.3	Alcatel Lucent	55
2.2.5	Data Federation:	21	5.2.4	Huawei	57
2.3	SDM Deployment Scenarios	22	5.2.5	Tekelec	59
2.3.1	Centralized Deployment Model:	22	5.2.6	Unbound ID	62
2.3.2	Federated or Virtualized Deployment Model:	22	5.2.7	Amdocs	64
2.3.3	Converged Deployment Model:	22	5.2.8	HP	66
2.4	SDM Standardization Initiatives	23	5.2.9	Oracle	68
2.4.1	3GPP User Data Convergence (UDC) Model	23	5.2.10	IBM	70
2.4.2	Subscriber Profile User Group (SPUG)	23	6	Chapter 6: Market Analysis & Forecasts	71
3	Chapter 3: The Business Case for the SDM Market	24	6.1	The Global SDM Software & Services Market: 2012 - 2017	71
3.1	Key Market Drivers	24	6.1.1	Global SDM Software & Service Revenues: 2012 - 2017	71
3.1.1	CapEX and OpEX Reduction	24	6.1.2	Next Generation and Legacy SDM Markets Compared: 2012 - 2017	72
3.1.2	Subscriber Royalty and Churn Reduction	24	6.1.3	Mobile vs. Fixed SDM Software & Service Revenues Compared: 2012 - 2017	73
3.1.3	Elevating Customer Experience and Service Delivery	25	6.1.4	Global SDM Software & Service Revenues Compared: 2012 - 2017	74
3.1.4	Service Personalization & Development of Unique Services	26	6.1.5	Mobile vs. Fixed SDM Software Revenues Compared: 2012 - 2017	75
3.1.5	Providing a Foundation for Business Intelligence Applications	27	6.1.6	Mobile vs. Fixed SDM Services Revenues Compared: 2012 - 2017	76
3.1.6	Identity Brokering: Competing with Web Providers	28	6.2	Global SDM Software & Service Revenues by Region: 2012 - 2017	77
3.1.7	Impact of LTE and Small Cell Deployments	29	6.2.1	North America	80
3.2	Market Barriers	30	6.2.2	Asia Pacific	83
3.2.1	Privacy Constraints and Regulation	30	6.2.3	Western Europe	86
3.2.2	Investment Support	30	6.2.4	Eastern Europe	89
3.2.3	Integration Complexities	31	6.2.5	Latin & Central America	92
3.3	The SDM Value Chain	32	6.2.6	Middle East & Africa	95
3.4	The SDM Industry Roadmap 2012 - 2017	35	6.3	Global SDM Carrier API Revenues: 2012 - 2017	98
3.4.1	2010 - 2012: The Unification of ID Management Services	35	6.4	SDM Carrier API Revenues by Region: 2012 - 2017	99
3.4.2	2013 - 2014: Commercialization of SDM APIs	36	6.4.1	North America	100
3.4.3	2015 - 2017: Convergence with MDM	36	6.4.2	Asia Pacific	101
3.5	SDM in LTE & Beyond: Key Trends	37	6.4.3	Western Europe	102
3.5.1	Convergence	37	6.4.4	Eastern Europe	103
3.5.2	Open Architectures	38	6.4.5	Latin & Central America	104
3.5.3	Intelligence	39	6.4.6	Middle East & Africa	105
4	Chapter 4: Major Carrier SDM Deployments	41			
4.1	Bell Mobility Canada	41			
4.2	Bharti Airtel	41			
4.3	China Mobile	42			
4.4	Cell C South Africa	42			



## List of Tables

Table 1: SDM Vendor Ranking Matrix 2012 49

## List of Figures

Figure 1: The SDM Value Chain	32
Figure 2: The Telco Network APIs Value Chain	34
Figure 3: SDM Industry Roadmap: 2012 - 2017	35
Figure 4: SDM Software & Service Revenues: 2012 – 2017 (USD Millions)	71
Figure 5: Next Generation and Legacy SDM Software & Service Revenues Compared: 2012 – 2017 (USD Millions)	72
Figure 6: Mobile vs. Fixed SDM Software & Service Revenues Compared: 2012 – 2017 (USD Millions)	73
Figure 7: SDM Software & Service Revenues Compared: 2012 – 2017 (USD Millions)	74
Figure 8: Mobile vs. Fixed SDM Software Revenues Compared: 2012 – 2017 (USD Millions)	75
Figure 9: Mobile vs. Fixed SDM Service Revenues Compared: 2012 – 2017 (USD Millions)	76
Figure 10: SDM Software & Service Revenues by Region: 2012 – 2017 (USD Millions)	77
Figure 11: SDM Software Revenues by Region: 2012 – 2017 (USD Millions)	78
Figure 12: SDM Service Revenues by Region: 2012 – 2017 (USD Millions)	79
Figure 13: SDM Software & Service Revenues in North America: 2012 – 2017 (USD Millions)	80
Figure 14: SDM Software Revenues in North America: 2012 – 2017 (USD Millions)	81
Figure 15: SDM Service Revenues in North America: 2012 – 2017 (USD Millions)	82
Figure 16: SDM Software & Service Revenues in Asia Pacific: 2012 – 2017 (USD Millions)	83
Figure 17: SDM Software Revenues in Asia Pacific: 2012 – 2017 (USD Millions)	84
Figure 18: SDM Service Revenues in Asia Pacific: 2012 – 2017 (USD Millions)	85
Figure 19: SDM Software & Service Revenues in Western Europe: 2012 – 2017 (USD Millions)	86
Figure 20: SDM Software Revenues in Western Europe: 2012 – 2017 (USD Millions)	87
Figure 21: SDM Service Revenues in Western Europe: 2012 – 2017 (USD Millions)	88
Figure 22: SDM Software & Service Revenues in Eastern Europe: 2012 – 2017 (USD Millions)	89
Figure 23: SDM Software Revenues in Eastern Europe: 2012 – 2017 (USD Millions)	90
Figure 24: SDM Service Revenues in Eastern Europe: 2012 – 2017 (USD Millions)	91
Figure 25: SDM Software & Service Revenues in Latin & Central America: 2012 – 2017 (USD Millions)	92
Figure 26: SDM Software Revenues in Latin & Central America: 2012 – 2017 (USD Millions)	93
Figure 27: SDM Service Revenues in Latin & Central America: 2012 – 2017 (USD Millions)	94
Figure 28: SDM Software & Service Revenues in Middle East & Africa: 2012 – 2017 (USD Millions)	95
Figure 29: SDM Software Revenues in Middle East & Africa: 2012 – 2017 (USD Millions)	96
Figure 30: SDM Service Revenues in Middle East & Africa: 2012 – 2017 (USD Millions)	97
Figure 31: Carrier SDM API Revenues: 2012 – 2017 (USD Billions)	98
Figure 32: Carrier SDM API Revenues by Region: 2012 – 2017 (USD Billions)	99
Figure 33: Carrier SDM API Revenues in North America: 2012 – 2017 (USD Billions)	100
Figure 34: Carrier SDM API Revenues in Asia Pacific: 2012 – 2017 (USD Billions)	101
Figure 35: Carrier SDM API Revenues in Western Europe: 2012 – 2017 (USD Billions)	102
Figure 36: Carrier SDM API Revenues in Eastern Europe: 2012 – 2017 (USD Billions)	103
Figure 37: Carrier SDM API Revenues in Latin & Central America: 2012 – 2017 (USD Billions)	104
Figure 38: Carrier SDM API Revenues in Middle East & Africa: 2012 – 2017 (USD Billions)	105



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