

# The Global Smart Meter Market 2012-2022

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## Abstracts

Smarter metering that delivers a greater awareness and opportunity for decision-making over energy and utility usage is being implemented now, globally. But who is going to pay? Government direction and investment? Large-scale utility roll out? The consumer? Is your company benefiting from this roll-out of smart meters? Visiongain has determined that the value of the global smart meter market will reach \$7bn in 2012.

Visiongain calculates that as of December 2010, meters enhanced with AMR technology accounted for approximately 32% of the gas, electricity and water meters in North America and approximately 3% of the meters in Europe. While those enhanced with AMI technology accounted for only 15% of the gas, electricity and water meters in North America and 13% of meters in European countries, with only minimal penetration rates elsewhere. With progressive countries in the energy metering market such as Italy and Sweden having over 90% (2011) smart meter implementation it is clear how much scope there is for growth within the smart metering market -with Germany and the UK having fewer than 5% penetration (2011).

The report also describes the most important technological changes within the smart metering market and assesses their importance for the growth of the market over the long-term. The various drivers and restraints of the market are evaluated in order to provide readers with specific insights into the future direction of the smart meter market.

How much is going to be spent in regional smart metering markets for implementation of smart electricity infrastructure between 2012 and 2022? Who are the leading companies in the smart metering industry? What are their best products? Where are the growth opportunities over the next decade - in which regions and with which type of technology? Which utility companies are already actioning the best practice? How is it being paid for in each country? These critical questions and many more are definitively answered in this comprehensive report.

## Unique Selling Points

Comprehensive analysis of the prospects for the smart meter market from 2012-2022.

Global smart meter market forecasts and analysis for 2012-2022.

47 tables, charts and graphs that quantify, analyse and forecast the changing dynamics of the smart meter market between 2012-2022.

Forecasts and analysis for regional smart meter markets for the period 2012-2022.

Analysis for the leading national smart meter markets for the period 2012-2022.

Analysis of the main drivers and restraints in the global smart meters market

SWOT analysis of strengths, weaknesses, opportunities and threats facing the smart meters market over the next ten years.

Exclusive interviews with 4 leading companies in the smart meters market underpinning forecasts and analysis.

Profiles of the leading smart meter companies

## Methodology

This report has been compiled by combining information obtained from a broad and rich mixture of primary and secondary research sources, producing a broad industry overview. Visiongain sought opinions from leading figures in the smart meter market to underpin the analysis and market forecasts. The study draws on a diverse range of official corporate and governmental announcements, media reports, policy documents, industry statements and expert opinion as a basis for discussing and predicting developments in the smart meter market between 2012 and 2022. Visiongain considers that this methodology results in an accurate, objective mixture of analyses and forecasts.

## Why you must buy **The Global Smart Meter Market 2012-2022**

You will receive forecasts and analysis of the global smart meter market between 2012-2022, including in-depth analysis of the main drivers and restraints.

The forecasts and analysis are underpinned by extensive expert consultation. Transcripts of four original interviews are included within the report with expert insight from:

Echelon; One of the major manufacturers of smart meters and associated infrastructure

ZigBee Alliance; Primary RF chip licence holder for the majority of smart metering systems worldwide.

PortaOne; Developer & manufacturer of Utility Meter Data Management Systems

Onzo, Nick Hunn, Chief Technology Officer (CTO) & published author of 'Essential Short Wave Wireless' and wireless connectivity expert

You will find 47 tables, charts, and graphs that quantify, analyse and forecast the smart meter market from 2012-2022.

You will gain an understanding of the global smart meter market and learn how it will evolve over the next decade, with detailed sales forecasts from 2012-2022.

You will be presented with forecasts for the 5 regional smart meter markets for the period 2012-2022:

North America

Asia-Pacific

Europe

Latin America

The Middle East & Africa

You will gain further analysis and knowledge of who the 17 leading countries are within the smart meter marketplace, for example

France

Germany

Italy

UK

US

South Korea

China

Japan

Mexico

India

Sweden

Spain

Australia

Brazil

Africa

Israel

Canada

You will receive detailed analysis of key markets, how these markets operate and the directions in which these key markets will move from 2012- 2022.

You will find a SWOT analysis of strengths, weaknesses, opportunities and threats facing the smart meters market over the next ten years.

You will discover profiles of the leading smart meter companies.

### **What is the structure of the report?**

Chapter 1 is the executive summary.

Chapter 2 is an introduction to the smart meter market providing a clear overview and definition of the market and its characteristics.

Chapter 3 provides extensive analysis of the global smart meter market with detailed forecast from 2012-2022

Chapter 4 lays out profiles of the leading companies operating in the smart meter market.

Chapter 5 provides a SWOT analysis of the smart meters market over the next ten years.

Chapter 6 features 4 original interviews with industry experts, who offer an insider's perspective on the smart meter market.

Chapter 7 provides a summary of the report, outlining the main conclusions of the analyses.

Chapter 8 provides a glossary

### **You can order this report today**

Anybody with an interest in the smart metering market will gain valuable information and insight from this new study by visiongain, which analyses one of the most exciting markets in the utility industry. The smart meter market offers substantial business and

investment opportunities and is becoming an increasingly important component of the energy sector globally. The gap between progressive nations and others is huge, and needs to be actioned now. You could be benefiting from this implementation.

This visiongain utility report will be valuable both to those already involved in the smart meter market. and those wishing to enter the market in the future. Gain an understanding of how to tap into the potential of this market by ordering *The Global Smart Meter Market 2012-2022*

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### COMPANIES LISTED

ABB

Acuvim

Advanced Electrics Company Limited (AEC)

Al Khatia

Alertme

Arqiva

BAE Systems

Baltimore gas & Electric

Bluebonnet

Blueline Innovations

Blue Ridge Electric

British Gas

Brultech

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Chilectra

Cisco Systems, Inc.

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Cleo Power LLC  
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Colorado Spring Utilities  
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Current Cost  
Debica  
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Dubai Electricity and Water Authority (DEWA)  
Duke Energy Corporation  
E.ON  
Echelon Corporation  
Ecologic Analytics, LLC  
Eco-Eye  
Ecuador Electrica de Guayaquil  
EDF Energy plc.  
Efegy  
eGauge  
Electricite Reseau Distribution France (ERDF)  
Electricity Distillation Company (EDC)  
Electrolux  
El Sewedy Electric  
Elster Group SE  
Elster Solutions  
eMeter Corporation  
Emirates District Cooling (Emicool)  
Empresas Municipales de Cali (Emcali)  
Empresa Nacional de Energia Electrica  
ENAMC  
Enel S.p.A.  
Energyhome Consortium  
Eskom  
Ewgeco  
Ferranti

Florida Power & Light Company (FP&L)

Ford

Gas Natural Ferrosa

GDF

GE Energy

Google

Goerlitz

Grene Robotics

Gridnet

GS Caltex

Holley Metering Ltd.

Honda

Humm

Hyundai

Huawei

Hydro Quebec

Iberdrola, S.A.

IBM

Indianapolis Power & Light Company

Indesit

INNOVID

Intel

ISIS Solar

Iskraemeco

Israel Electric Corporation (IEC)

Itron, Inc.

Kennebec Water District

Korea Electric Power (Kepeco)

KPX

KT Corporation

Landis+Gyr AG (L+G)

Lakeland Electric

LG Electronics

LIPA

LR Group Ltd

Microsoft

Minnegasco

Navetas

Nextra

Nissan  
Nuri Telecom  
Onzo  
Opus Energy  
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Wattvision  
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Yello Storm  
Yitran communications Ltd  
ZigBee Alliance

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Korean Smart Grid Institute  
Kuwait Ministry of Electricity and Water  
Mobile Data Association  
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