

Smart Water Management (SWM) Market Analysis By Component (Devices, Solutions, Services), By Technology (Fixed Network, Cellular) And Segment Forecasts To 2020

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Abstracts

Water management has emerged as a significant priority for governments and water utilities, which is expected to fuel the global smart water management market. Infrastructure revitalization, growing population, fluctuating climate, and rise in water shortage issues are also some of the key forces driving market growth. Although water management and conservation practices are continuously evolving, the aforementioned forces have spurred demand for smart technology solutions for more efficient and sustainable water systems.

Technological advancements enable water utility operators to proactively control and manage distribution systems and enhance efficiency, which is expected to favorably impact the market. Proliferation of cloud-based solutions to monitor distribution networks provides opportunities for market growth. Concerns among water utilities regarding adoption of these solutions may pose a challenge to the market. Low adoption of smart water management systems by several water utilities owing to high investments is also expected to hinder market growth.

Further key findings from the study suggest:

Devices accounted for over 35% of the overall smart water management market, and emerged as the most dominant segment in 2013. Solutions are expected to be a high growth segment, which can be attributed to the development of cloud-based solutions for efficient monitoring of distribution networks.

Increasing adoption of cellular network technology in Automatic Meter Reading (AMR) is expected to drive market growth. The segment is also expected to grow faster than the global average over the next few years.

On account of favorable government initiatives including incubation facilities, financial incentives and demonstration sites, North America was leading regional market in 2013. Increasing investments in the U.S. water sector is expected to positively impact regional market growth over the forecast period.

Key market participants include Schneider Electric, Sensus, General Electric, IBM Corporation and ABB Ltd. Strategic partnerships due to high investments and increasing competition are expected to be key growth strategies over the next six years.

For the purpose of this study, Grand View Research has segmented the global smart water management market on the basis of component, technology and region:

Smart Water Management Component Outlook (Revenue, USD Million, 2012 – 2020)

Devices

Solutions

Services

Smart Water Management Technology Outlook (Revenue, USD Million, 2012 – 2020)

Cellular Network

Fixed Network

Smart Water Management Regional Outlook (Revenue, USD Million, 2012 – 2020)

North America

Europe

Asia Pacific

RoW

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