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**Enemalta Corporation**

Malta  
[www.enemalta.com.mt](http://www.enemalta.com.mt)

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# Enemalta and Water Services Corporations

*Building a smarter energy and water system*

The Maltese National Electricity and Water Utilities—Enemalta Corporation (EMC) and Water Services Corporation (WSC)—have selected IBM for an EUR70 million, five-year agreement to design and deliver a nationwide Smart Grid implementation.

## The Opportunity

On the island nation of Malta, electricity is generated entirely by imported fossil fuel, and electrically powered desalination plants provide over half its water supply. Meanwhile, rising sea levels threaten Malta's underground freshwater source. This complex series of challenges required immediate attention to ensure that the country delivers affordable, secure energy while protecting the environment. In addition, to meet this challenge, both Enemalta and Water Services Corporations are undergoing an internal transformation process geared toward increased efficiency.

## What Makes It Smarter

The Maltese national power and water utilities are partnering with IBM to help their country become the first in the world to build a nationwide smart grid and a fully integrated electricity and water system. 250,000 interactive meters will monitor electricity usage in real time, set variable rates, and reward customers who consume less energy and water. Furthermore, in assisting in the transformation of both utilities, IBM is entrusted to implement a customer relationship management (CRM) and billing solution, as well as enterprise resource planning (ERP) core modules, while a new web portal will be installed for both utilities to better interact with their end customers.



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## Solution Components

- IBM® Global Business Services®
  - IBM Research
  - IBM System x®, System p®
  - IBM Tivoli®
  - IBM Lotus®
  - IBM WebSphere®
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## Real Business Results

- Data from the intelligent meters can be analyzed to help lower costs, adopt efficient and sustainable consumption patterns and cut greenhouse gas emissions
- By addressing water and power issues as a system, citizens can make smarter decisions about how and when they use power

## For more information

Please contact your IBM sales representative or IBM Business Partner. Visit us at: [ibm.com/energy](http://ibm.com/energy)

To learn more about Enemalta Corporation visit:  
[www.enemalta.com.mt](http://www.enemalta.com.mt)



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