

# Building a Smarter City and State

The Commonwealth of Massachusetts, The City of Boston and IBM are working together to transform the region's physical infrastructure, engage citizens, reduce costs and improve efficiency. Do you know where technology is at work where you live?



- 1 — Buildings:**  
The state of Massachusetts owns 72 million square feet of property. Software helps improve maintenance, space and management across public sector buildings.
- 2 — Traffic:**  
Approximately 1.9 million commuters travel by car a day in Boston. Officials examine how Big Data technology makes transportation more efficient and reduce pollution.<sup>1</sup>
- 3 — Airport:**  
Tens of millions of travelers pass through Logan Airport every year. Software helps the Port Authority better manage maintenance operations for equipment such as air conditioning, doors and escalators at Terminal A.<sup>2</sup>
- 4 — Physical Assets:**  
Boston has more than 60,000 streetlights<sup>3</sup> and 13,000 fire hydrants.<sup>4</sup> Software helps city officials better manage and maintain physical assets.
- 5 — Special Events:**  
More than half a million people attend events such as the Boston Marathon and July 4th fireworks every year. Software can integrate and visualize critical information across city departments including fire, police and emergency responders to help coordinate and plan special events.<sup>5</sup>
- 6 — Water:**  
Massachusetts Water Resource Authority (MWRA) serves 2.5 million people in 61 communities.<sup>6</sup> Using software, MWRA decreased corrective maintenance and project work orders by 38 percent.

<sup>1</sup> "Boston ranked fifth most traffic-prone city in nation," Daily Free Press: <http://dailyfreepress.com/2013/02/11/boston-ranked-fifth-most-traffic-prone-city-in-nation/>  
<sup>2</sup> About Logan International Airport: <http://www.massport.com/logan-airport/about-logan/pages/default.aspx>  
<sup>3</sup> Street Lighting Division for the City of Boston  
<sup>4</sup> Currents Newsletter, July-August 2011: [http://www.bwsc.org/notices/public\\_notices/CUR\\_2011\\_4\\_JUL\\_AUG.pdf](http://www.bwsc.org/notices/public_notices/CUR_2011_4_JUL_AUG.pdf)  
<sup>5</sup> "BAA Offers Runner Deferral: Wait till Next year, Boston.com: [http://www.boston.com/sports/marathon/articles/2012/04/17/baa\\_offers\\_runners\\_deferral\\_wait\\_till\\_next\\_year/](http://www.boston.com/sports/marathon/articles/2012/04/17/baa_offers_runners_deferral_wait_till_next_year/)  
<sup>6</sup> About Massachusetts Water Resource Authority: <http://www.mwra.state.ma.us/02org/html/whatis.htm>

IBM, the IBM logo, smarter planet and Let's build a smarter planet are trademarks of IBM Corp registered in many jurisdictions worldwide. Other product company or service names may be trademarks or service marks of others. A current list of IBM trademarks is available on the Web at "Copyright and trademark information" at [www.ibm.com/legal/copytrade.shtml](http://www.ibm.com/legal/copytrade.shtml) © Copyright IBM Corporation 2013 All Rights Reserved. For more information, please visit: [www.ibm.com/press/smarterplanet](http://www.ibm.com/press/smarterplanet)

