# Abstract

**City of Cambridge, MA: Harnessing the Power of the Geodatabase**
**Track:** Water, Wastewater, and Stormwater
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The City of Cambridge, Massachusetts has developed a system for update and maintenance for the City's water distribution network. This involved migrating an older ArcFM implementation into geodatabase, ArcSDE, and SQLServer environment.

This paper discusses the steps taken to migrate this system and will touch upon customizing the ESRI water model, creating complete domain validation lists and system connectivity rules. There is also a discussion on the process undertaken with the Cambridge Water and GIS Dept. to implement this system and the goals to create a user based system for updating and continual maintenance of the water distribution system network.

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