

OMB Control Number: 0693-0033

Expiration Date: 07/31/2022

NIST Survey: Interviews with First Responders about IoT Usage

Section I: Basic demographic questions

1. What is your jurisdiction? (City, County, State, Federal)
2. What is your role in your department?
3. Where do you work? (geographic location)
4. What type of geographic environment do you work in?
5. What types of data do you work with?
6. Does your department / jurisdiction utilize software-based record management services?
7. How familiar are you with data technologies for work purposes?
8. Does your department / jurisdiction utilize software-based record management services?

Section II: Setting the Scene

1. Describe the most common working environment. When you think of a fairly standard day, what are you doing?
2. Think about an emergency situation where you did not feel you had the adequate information to do your job. This includes high-risk situations in which many people were inputting data, and in which the data could have a greater impact on emergency response outcomes. Describe the situation.
3. What communications challenges do first responders experience when using IOT devices?
4. Which IoT devices commonly used in civilian life, such as a smartwatch or a smartphone, do you use in the field?
5. What type of data collection and storage could be offloaded from the first responders and put onto devices?
6. What information about a building do you have or receive en-route?
7. What information do you gather upon arrival at a building?
8. Do you require information from a building manager / landlord during pre-planning or during an event itself?
9. Do any of the buildings in your jurisdiction utilize “smart” elements?
10. Do you have any other thoughts about IoT technologies in your work to share?

This collection of information contains Paperwork Reduction Act (PRA) requirements approved by the Office of Management and Budget (OMB). Notwithstanding any other provisions of the law, no person is required to respond to, nor shall any person be subject to a penalty for failure to comply with, a collection of information subject to the requirements of the PRA unless that collection of information displays a currently valid OMB control number. Public reporting burden for this collection is estimated to be 45 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed and completing and reviewing the collection of information. Send comments regarding this burden estimate or any aspect of this collection of

information, including suggestions for reducing this burden, to the National Institute of Standards and Technology, Attn: Alison Kahn, Alison.kahn@nist.gov.