



SAFETY IS WHAT YOU CAN'T SEE. TECHNOLOGY IS WHAT YOU CAN'T SACRIFICE.



When local governments connect their technology together, it enhances real-time situational awareness, shortens response times and improves outcomes. Cities become safer, citizens more engaged and agencies more empowered. Safer cities are the engine for success, driving economies to flourish and communities to thrive.

The world is going metro. Mega-cities of more than 10 million are on the rise, with 28 of them home to 453 million residents.¹ Global populations are growing older and frailer, too. The number of adults, age 60 years and older, is expected to more than double by 2050.²

Managing services and maintaining order in urban centers will be one of the greatest challenges of the century for public safety. With population density so intensive and growth so extensive, how can local leaders keep cities safe?

No question, they will need better coordination among a greater number of agencies to gain better outcomes. Interconnected technology will equip them to collaborate more effectively so they can avert threats pre-incident, respond to crimes mid-incident, and solve cases post-incident.

CITIES ARE THE EPICENTER FOR CRIMINAL OPPORTUNITY

As city populations rise, so does the risk to public safety. Citizens are more anonymous and criminals more opportunistic. High threat targets, such as high rises and transportation hubs, are clustered and numerous. Criminals are increasingly sophisticated and tech-connected.

Not only are urban targets more attractive, but the range of challenges is intensifying. Cross-border migration, cyberattacks, improved criminal communication and potential terrorism add fuel to the fire.³ Cyberattacks are such an evolving threat to emergency call centers and critical infrastructure, in five years they shot up 680 percent against the U.S. government.⁴

Although the crime rate is down in many Western countries, the threat of large-scale incidents is up.³ Whether a typhoon in Asia or a protest in Europe, local governments must integrate and collaborate to share intelligence and coordinate their response.



OVER 50%
GLOBAL POPULATION LIVING
IN CITIES



ALMOST 70%
GLOBAL POPULATION IN CITIES
BY 2050



OVER 20%
GLOBAL POPULATION 60+ YEARS
OLD BY 2050



10%
ANNUAL INCREASE IN
CYBERCRIME GLOBALLY⁵



\$445 BILLION
ANNUAL COST OF CYBERCRIME
GLOBALLY⁶

TECHNOLOGY CREATES A GREATER STATE OF SAFETY

Technology produces an environment where citizens trust police and local government, economic development can flourish and communities thrive. For agencies, this means leveraging existing technology, interconnecting it more effectively and improving their engagement with the public. From citizens using smartphones to document protests to private companies sharing video with public agencies, city leaders must translate this fusion of information into critical intelligence.

TOP TECHNOLOGY TRENDS FOR 2015: FROM THE CLOUD TO THE CROWD

CLOUD COMPUTING is revolutionizing the way local governments operate. Cities can access a shared pool of resources to spend limited funds more efficiently using affordable cloud-based capabilities. Cloud computing frees different agencies to share databases and connect separate systems so they can coordinate and collaborate. Local government benefits from better service delivery with minimal impact to existing systems. More cities are becoming IP-enabled and more applications are being deployed. This shared-service strategy is shaving costs and boosting productivity.



OVER 45%
**U.S. LOCAL GOV'T AND STATE
LEADERS USING CLOUD SERVICES⁷**



OVER \$260 MILLION
UK SPENDING ON G-CLOUD SINCE 2012⁸



OVER 25%
**GROWTH OF CLOUD COMPUTING IN
LATIN AMERICA BY 2018⁹**

SOCIAL MEDIA COLLABORATION is improving the government's ability to listen and respond to citizens in real time. Over 80 percent of police surveyed say social media helped them solve crimes and 73 percent say it helped improve community relations.¹⁰ In return, agencies can provide greater transparency to the public and generate greater civic engagement.



OVER 80%
POLICE SAY SOCIAL MEDIA HELPED SOLVE CRIMES

VIDEO is streaming into command centers at an astonishing rate. Billions of hours of surveillance video are captured each year. Traditional fixed-mounted cameras are being supplemented with abundant footage from citizens via their smartphones. Video affords public safety agencies unparalleled situational awareness as an incident unfolds. When departments integrate technologies and utilize advanced analytics, they get actionable data for better decision-making.

INTERNET OF THINGS or sensors deliver insights and new information to create a safer city. This includes knowing a first responder's vital signs, the air quality around them, routing a vehicle to shorten response time, and tracking a large number of victims being triaged at different hospitals. The Internet of Things is such an economic driver that by 2018 more than 25 percent of all government external spending will be used to realize its value.¹¹



OVER 25%
**GOV'T SPENDING ON INTERNET
OF THINGS BY 2018**



OVER 30 BILLION
**DEVICES CONNECTING WIRELESSLY
BY 2020¹²**

PUBLIC AND PRIVATE SYSTEM, DATA AND PROCESS SHARING among departments, such as transportation and law enforcement, help them collaborate and save money. Because rail and metro lines are prime spots for theft, vandalism and terrorism, cities benefit immensely from sharing surveillance systems. Advanced analytics turns this big data into intelligence by aggregating and prioritizing the volume flowing in.

MAKE THE CITY SAFER FOR EVERYONE

Technology is leading the way for unprecedented improvements in situational awareness, response time and decision-making. By sharing tools, integrating networks and fully leveraging data, local governments can improve their multi-agency collaboration and operational efficiency, and make the city safer for everyone. See how Motorola Solutions is delivering Smart Public Safety Solutions to help them do it.

SOURCES

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For more information on how Motorola is helping public safety agencies work better, smarter and faster through next generation technology, visit motorolasolutions.com.

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