# Charlotte, NC Police Real Time Crime Center/Crime Analysis: Logic Model 2017

| Resources | Activities | Outputs | Short-Term Outcomes | Intermediate Outcomes | Long-Term Outcomes |
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| The resources to be used to establish and implement the project include the detectives and technology applications used in the CMPD's Real Time Crime Center (RTCC), the CMPD's crime analysis staff capabilities to integrate crime analysis with the RTCC technology applications, and the subject matter experts to further enhance the CMPD capabilities for solving crime in real time. | Describe and document the technologies that are used and the data sources that are developed in the RTCC | Describe the organizational capacity necessary to capitalize on newly developed technologies and data sources that are generated from the RTCC | Meet and interview technology experts and data managers to understand the purpose of various technologies and data sources that are used to inform RTCC operators. Identify list of technologies that are used to develop new data and determine where and how that data is used by CMPD | Identify and recommend useful RTCC technologies and clarify ways in which captured data can be archived, retrieved, and analyzed in the future by CAD, RTCC, agency leaders, the courts, and other constituents | To further enhance the CMPD's capabilities for solving crime in real time and provide guidance for similar implementation to interested police agencies |
| | Document the establishment, launch and continued growth of the RTCC at CMPD | Chronological summary of the steps that were taken and the resources that were acquired to establish the RTCC | Work with CAD staff to trace the historical development of the RTCC using available training, organizational and SOP materials and supplementing with interviews of key personnel who were involved in the process | Work with CAD staff to document the ongoing evolution of the RTCC as new technologies and capabilities are added, as personnel are becoming more proficient and/or efficient, and as CAD and the RTCC synergize their efforts to capitalize on real time crime data and information | |
| | Prepare RFP to solicit vendors to procure technology application used to integrate disparate and independently functioning applications (cameras, license plate readers, etc.) into a seamless web-based platform | Qualified vendor selected and retained | Training CMPD staff by vendor on the operation and use of the application software | CMPD staff can operate the application software without vendor support | |
| | Fully implement the technology software to integrate disparate and independently functioning applications | Deliver relevant data to the appropriate responding officers and detectives with greater speed and efficiency | Provide RTCC and Crime Analysis staff the ability to obtain and analyze information in the immediate vicinity of an event. | Solve crime in real time and integrate situational awareness (collect, interpret, and process information) provided by the RTCC with the data driven capabilities of the Crime Analysis Division. | |

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| | Integrate the traditional GIS mapping process within the RTCC operations | RTCC detectives, crime analysts, and selected police officers will be able to search and find a GIS location at which a crime occurred | Access all current applications simultaneously including data and/or video from license plate readers, electronic monitors, surveillance cameras, NC and Charlotte Department of Transportation cameras, and ShotSpotter in close proximity to the selected GIS location | Provide relevant data, in real time, to the appropriate responding officers and detectives. | |
| | Identify processes, directives, and standard operating procedures of the RTCC and Crime Analysis Division | Identify the capabilities of the RTCC and the Crime Analysis Division | Fully document the capabilities of the RTCC and the integration of crime analysis capabilities | Identify any areas for improvement to the integration of the RTCC and crime analysis capabilities | |
| | Document how the CAD and RTCC work independently and in cooperation for short and long-term activities | Provide a recommended model (or more than one model) for other agencies (perhaps of similar size and with comparable crime challenges) that are interested in developing a CAD, a RTCC, or both | Fully document the current interactions and integrations between the CAD and RTCC at CMPD | Consider the fiscal and operational implications of having to choose between one or the other (CAD or RTCC) in terms of costs, resources required, and capabilities relative to desired benefits, and consider whether prioritizing one over the other is recommended, or whether both can or should operate independently and be developed simultaneously | |
| | Develop a toolkit | Develop a toolkit for CMPD and police agencies to intergrade and enhance their analytic capabilities between a real time crime center and crime analysis | Troubleshoot the Toolkit | Finalize the Toolkit | |