

# COMPUTERIZED CRIMINAL HISTORY (CCH) MODERNIZATION PROJECT

Department Of Emergency Services and Public Protection  
Division of State Police



# CCH Project Description

Modernize Connecticut's ***Computerized Criminal History (CCH)*** system, re-architecting the application and underlying database so that it can meet the current and future needs of the criminal justice community and private citizens in our state.

# CCH Modernization

## Business Drivers

- **SINGLE POINT OF FAILURE!**
  - Only developer with requisite programming knowledge in DESPP
  - Retirement-eligible
  - New system estimated to take 2.5 years to complete
- **Ever-growing backlog of criminal history checks is at 8+ weeks and trending higher**
- Increasing demand of statewide background check services (mandated by CT law)
  - Bus drivers, long-term healthcare workers, foster care providers, etc.
- Automate manual, time-intensive processes for handling name/DOB searches
  - Currently requested via paper forms and paid via check, money order or cash
- Limited rap-back capabilities available only to some agencies and on a monthly basis
  - No integration with federal rap-back services



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## Technology Drivers

- Obsolete technology
  - Current system is 30+ years old and desperately needs to be upgraded
    - Written in COBOL and Assembler code
    - Neither language is taught in colleges and experienced professionals are dwindling
- CCH lacks integration with key CJIS systems (COLLECT, SLWRS and CISS)
  - CCH data that is screen scraped by SLWRS is incapable of full processing criminal history data
  - SLWRS users cannot lookup person data in MNI/CCH
- CCH lacks other salient technical functionality
  - Limited compliance with state and federal regulations to protect against possible intrusions and threats via the Internet
  - No source code management or version control
  - Very limited reporting capabilities

# CCH Modernization

## Benefits

The CCH project will benefit DESPP, various state agencies, municipal PDs and the citizens of Connecticut by providing:

- A common, strategic and maintainable technical architecture that can be supported by shared, in-house resources throughout DESPP (eliminate single point of failure)
  - Avoid costly consultant fees for maintaining archaic code
  - Respond to state and federal mandates more quickly and efficiently
- Real-time rap-back notifications to various subscribing agencies
  - Lays the foundation for the utilization of the FBI's rap-back services
- E-Government services - Integrated online self-service name/DOB-based searches:
  - Allows for automated responses when there is no hit on name/DOB
  - Significantly reduces the number of manual name/DOB searches conducted by SPBI staff (estimated reduction of 1,000 history checks/week)
- Integration with key CJIS systems such as COLLECT, SLWRS, and CISS
- A sustainable system that will significantly reduce and/or **eliminate future backlogs!**