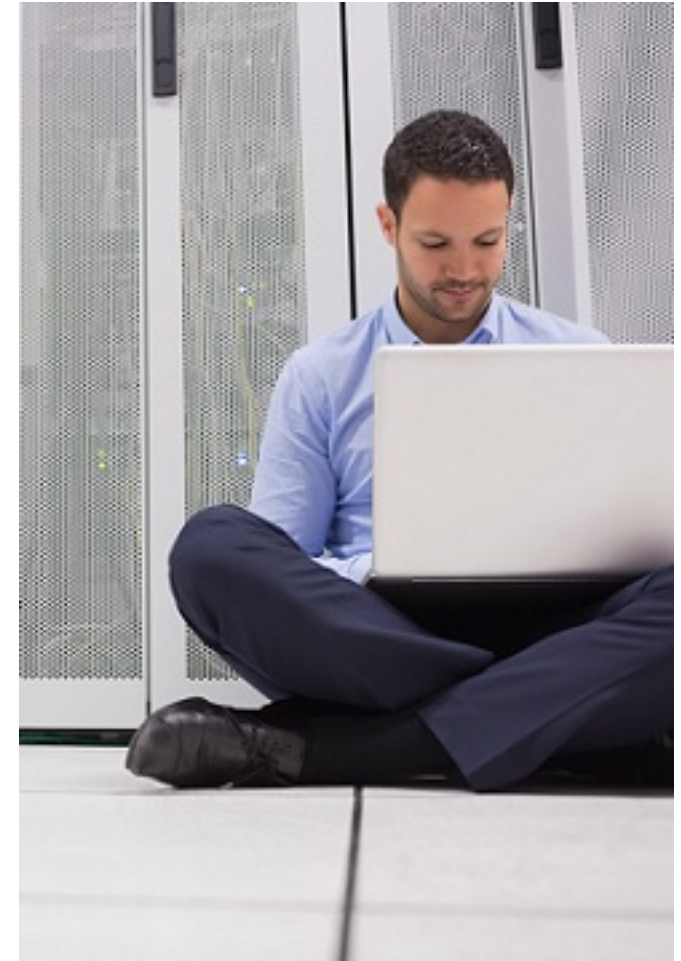




## HarrisLogic: Protecting Our Communities with Predictive Data

Technology is advancing to a place where high tech companies can join law enforcement on the front lines in protecting citizens – safeguarding our society, enabling faster response, and providing justice with data. HarrisLogic can keep potential repeat offenders off the street by gathering data from seven different sources, from mental health data to criminal justice data. Its goal is to predict whether a person who had been incarcerated with a mental health condition would return to jail within six months.

By using SAP® Predictive Analytics software and the SAP HANA® platform, HarrisLogic can use predictive models to detect repeat offenders with 99% accuracy. This reduces behavioral health crisis spending for government agencies and helps make our neighborhoods safer by proactively preventing repeat offenses.



# HarrisLogic creates a safer, more proactive society

## Company

HarrisLogic

## Headquarters

St. Louis, Missouri

## Industry

High tech

## Products and Services

Software for healthcare clinical operations and delivery systems integration

## Employees

220

## Web Site

[www.harrislogic.com](http://www.harrislogic.com)

## Partner

EV Technologies

[www.evtechnologies.com](http://www.evtechnologies.com)

## Objectives

- Predict whether someone who had been in jail and with a mental health condition would return to jail within six months
- Integrate mental health data with criminal justice data
- Create a user interface that engages and empowers the government user base

## Why SAP

- Near-seamless connectivity to the SAP HANA® platform on Amazon Web Services and strength of the SAP® Leonardo Analytics capabilities
- Automated analytics and rapid prototyping of its models with SAP Predictive Analytics software

## Resolution

- Live predictive models for recidivism and high-volume users
- Seamless user experience integration that allows for up-to-the-minute prediction on incoming jail records
- Important predictive factors flagged for clinician and real-time decision support for accurate resource allocation
- Richer insights and fine-grained drill-down paths through data that extends analysis to users wishing to perform ad hoc analysis
- Real-time predictions using a native, logistical regression model

## Future plans

Partner with SAP for expansion and growth into new markets, targeting higher education and crisis services

# 89%

Average rate of crisis diversions in major metro areas

# 25%

Reduction in behavioral health crisis spend

# 12,000

Encounters processed per month

# 99%

Prediction accuracy

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"We care about protecting citizens and consider our work an integral part of the fabric of society. With predictive models, we can offer people peace of mind and improve their quality of life."

Hudson Harris, Chief Privacy Officer, HarrisLogic

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