Actionable Spatial Intel With Next-Gen Risk Terrain Modeling and ArcGIS

By Leslie Kennedy and Joel Caplan
Rutgers University, Center on Public Security
www.rutgerscps.org | rutgerscps@gmail.com

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Risk Terrain Modeling

RTM = Crime Reductions

BJA
NATIONAL INSTITUTE of JUSTICE

NIJ

OJJDP
Office of Juvenile Justice and Delinquency Prevention

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“A mapless map...describes how one variable is distributed in space.... To determine ‘why’ it is distributed the way it is, the spatial distribution of at least one other variable needs to be considered.” (Rengert & Lockwood, 2010; p. 109)
ACCURATE FORECASTING
Risk-Based Policing Initiative

1. Assess Risk
2. Deploy Resources
3. Check for Success
Apartments, Banks, Bars, Check Cashing Services, Coffee Shops, Grocery Stores, Department Stores, **Convenience Stores**, ATMs, Schools, Laundromats, Health Night Clubs, Gyms, Public Libraries, Liquor Stores, Movie Theaters, Parking Lots, Parks, **Laundromats**, Gas Stations, Pawn/Second Hand Dealers, Pharmacies, Rec Centers, Eat-in Restaurants, Take-out Restaurants, Variety Stores, **Vacant Buildings**.
With Atlantic City store robberies on the rise, owners and employees on edge

ERIN SERPICO Staff Writer Dec 28, 2016
Problem-solving  Evidence-based decision making  Sustainability

Better utilization of resources  Increased transparency