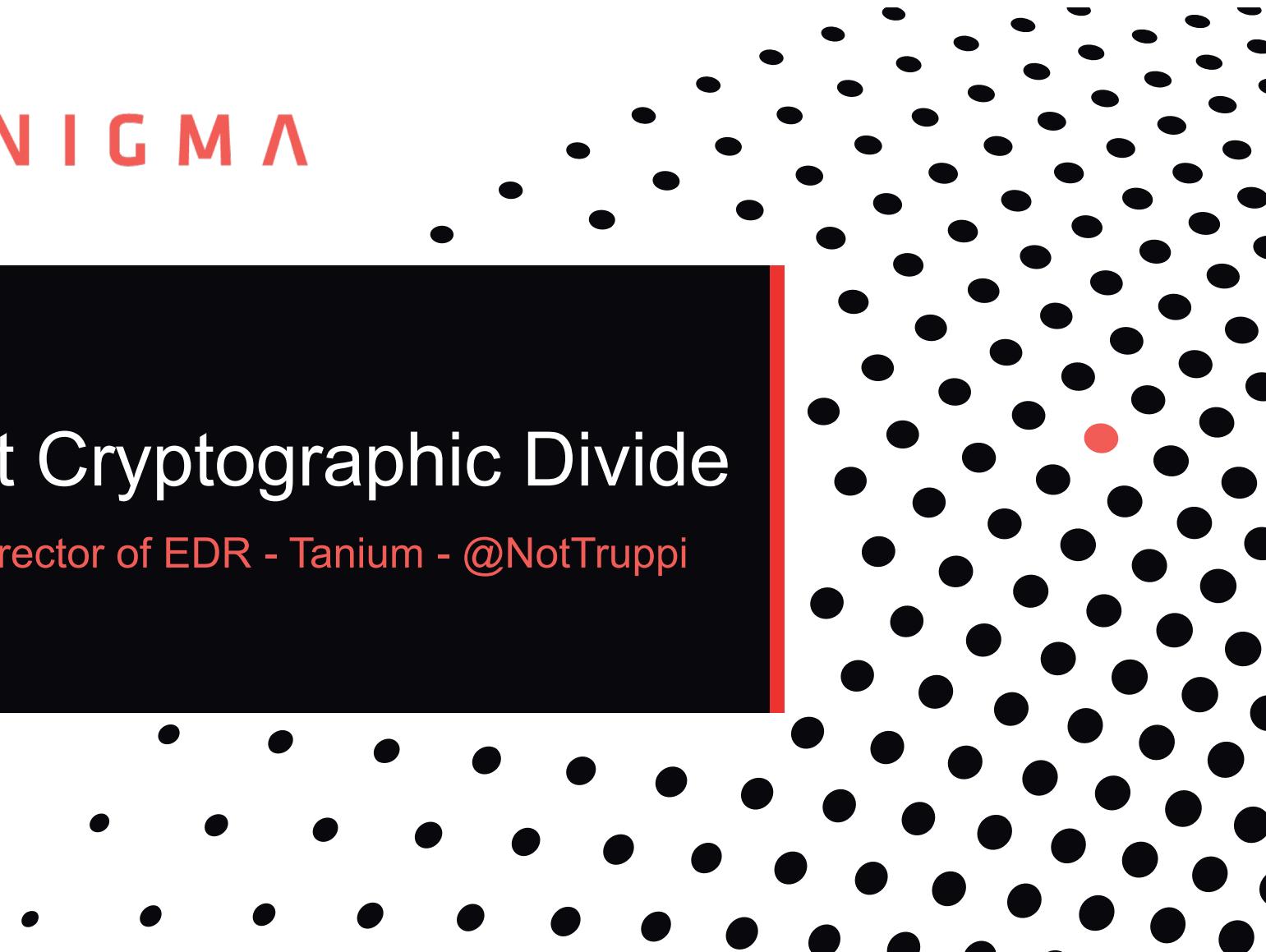


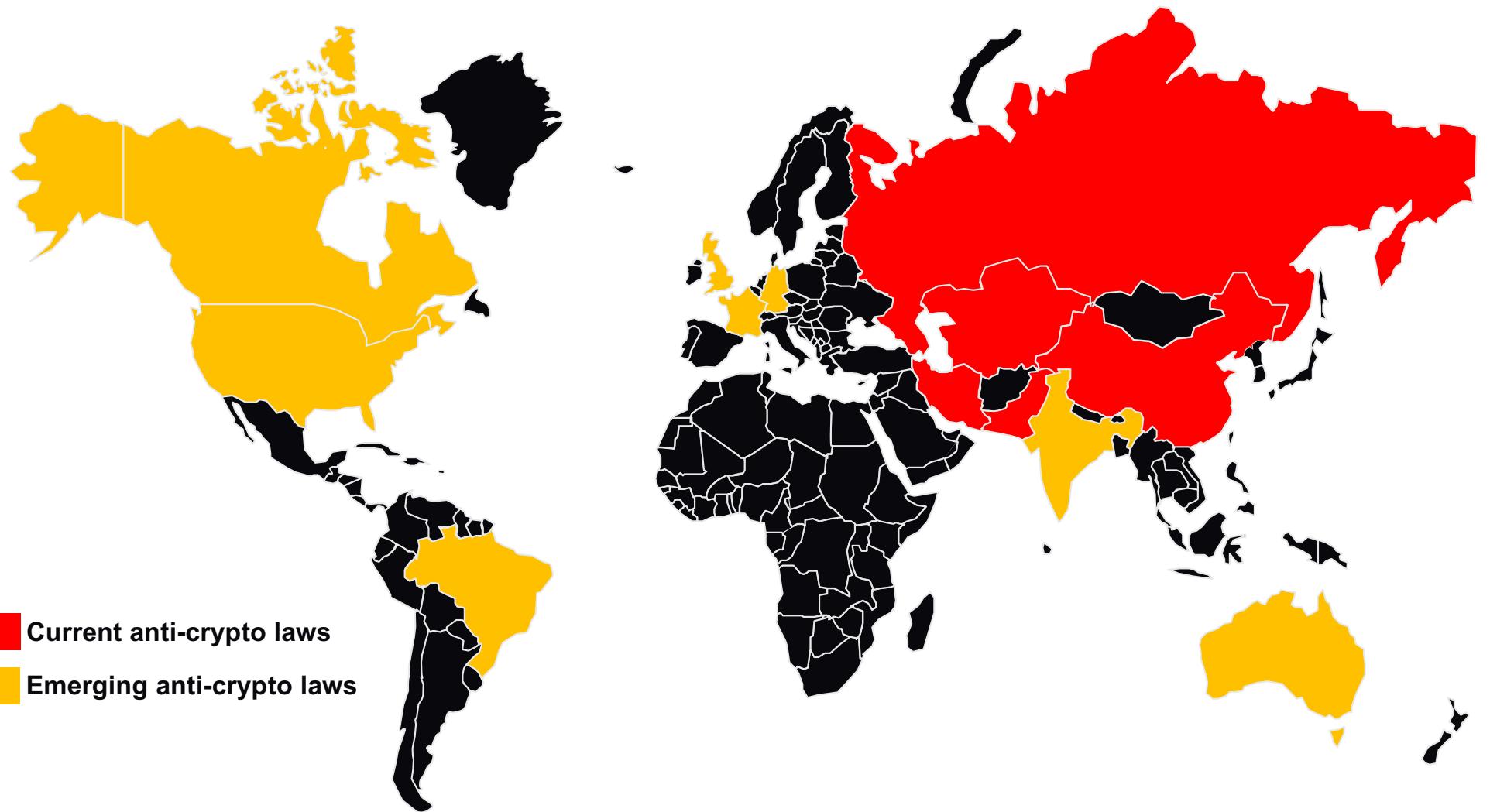


ENIGMA

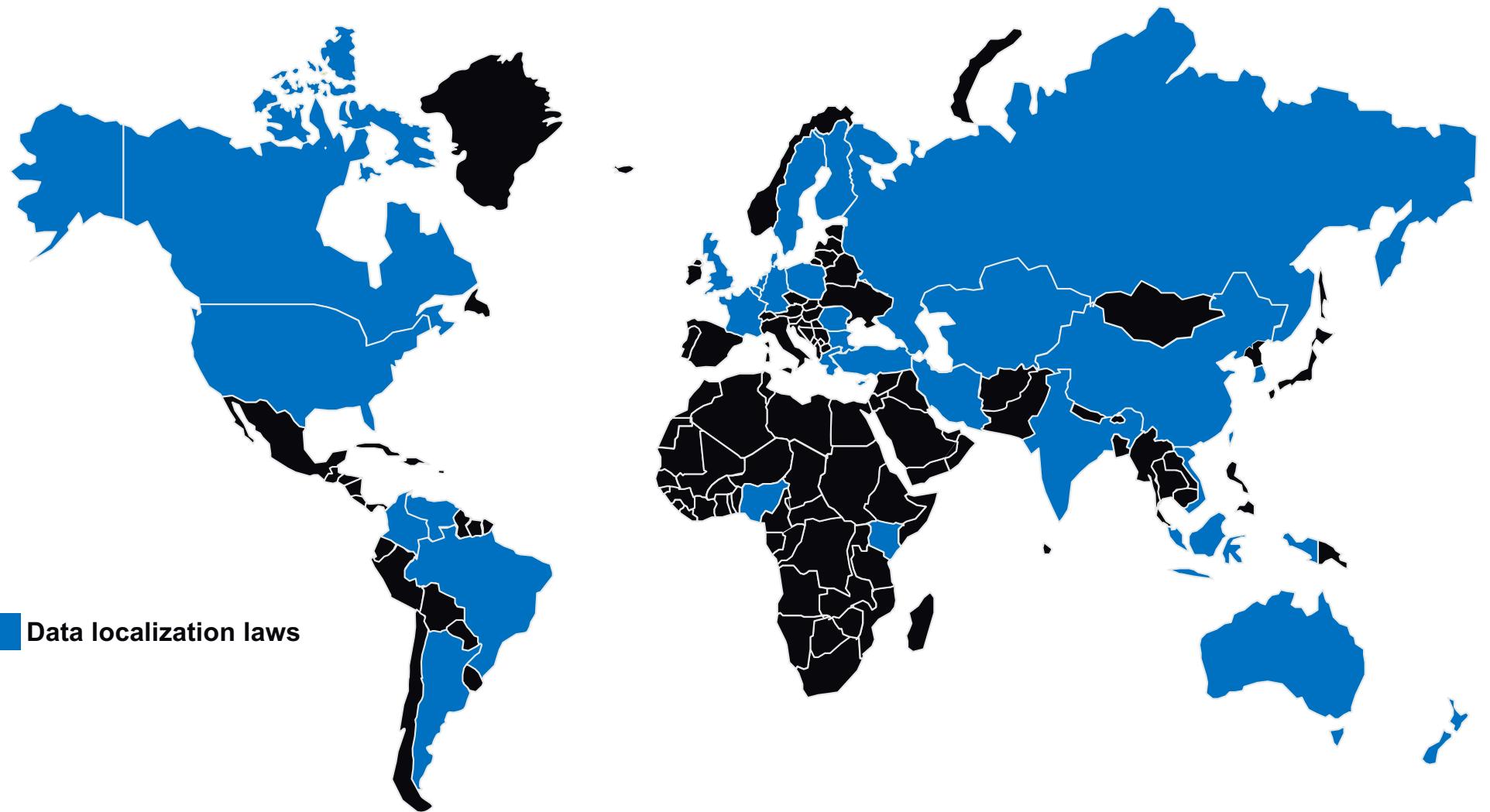
# The Great Cryptographic Divide

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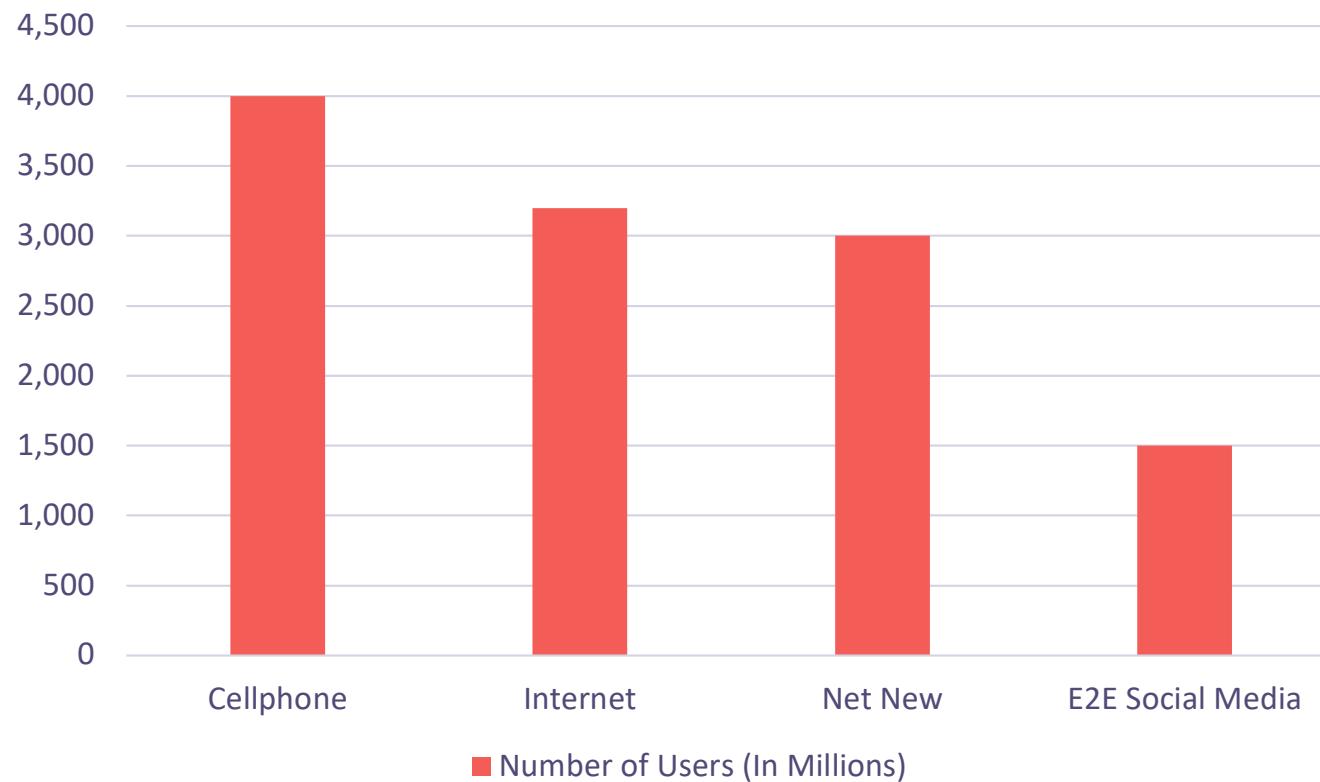


█ Current anti-crypto laws  
█ Emerging anti-crypto laws



# Encryption Usage

Number of Users (In Millions)



## The Arguments

- Protect and serve
- Going dark
- Lawful access
- Outdated laws
- Protect the user
- Do not enforce software changes
- No backdoors
- Privacy is inherent





AWAKEN  
THE FORCE  
WITHIN

# WWJCD



## What Would Jim Comey Do?

## Alternatives – Enhanced Techniques

- Network investigative techniques (“lawful hacking”)
- Enhanced data/metadata collection (IoT)
- HUMINT and UC techniques
- Exceptional access



## Alternatives – Legal Reform / Training

- Consolidated practices for requesting data
- Reform of global legal
- Law enforcement training



## Call to Action

- Contact the government
- Support privacy organizations
- Voice your opinion to Law Enforcement
- Creative problem solvers



# Path Forward

- Modernizing laws
- Streamline global sharing agreements
- Increase protections for corporations
- Law enforcement to enhance existing techniques
- Better training and cooperation
- Help define exceptional access





Thank you

"A qubit a day, keeps encryption away"

Jason Truppi - Director of EDR - Tanium - [@NotTruppi](https://twitter.com/NotTruppi)