IMPROVING ACCESS TO THE NATION'S CRIME STATISTICS

Tuesday, July 18, 2017

18F

18F & THE FBI LAUNCHED THE CRIME DATA EXPLORER!

https://crime-data-explorer.fr.cloud.gov

9 MONTHS

(11 STAFF)

10,342 HOURS TOCKED

(235 NON-STOP FLIGHTS AROUND THE WORLD)

1 TERABYTE OF DATA

(ABOUT 8 I-PHONES)

150 USER INTERVIEWS

WHAT IS THE CDE?

"WHOLE PRODUCT VALUE"

CO-CREATION BETWEEN 18F & FBI

PRODUCT

CHANGE

CATALYST
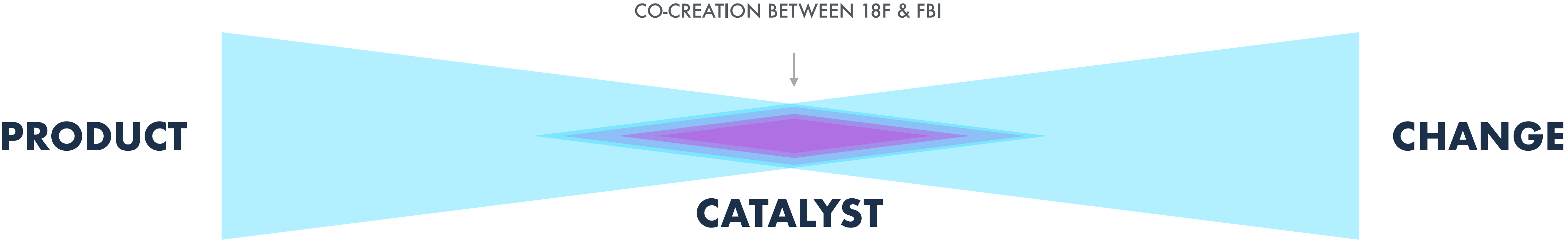
IMPROVES ACCESS TO DATA COLLECTED BY THE
UNIFORM CRIME REPORTING (UCR) PROGRAM.

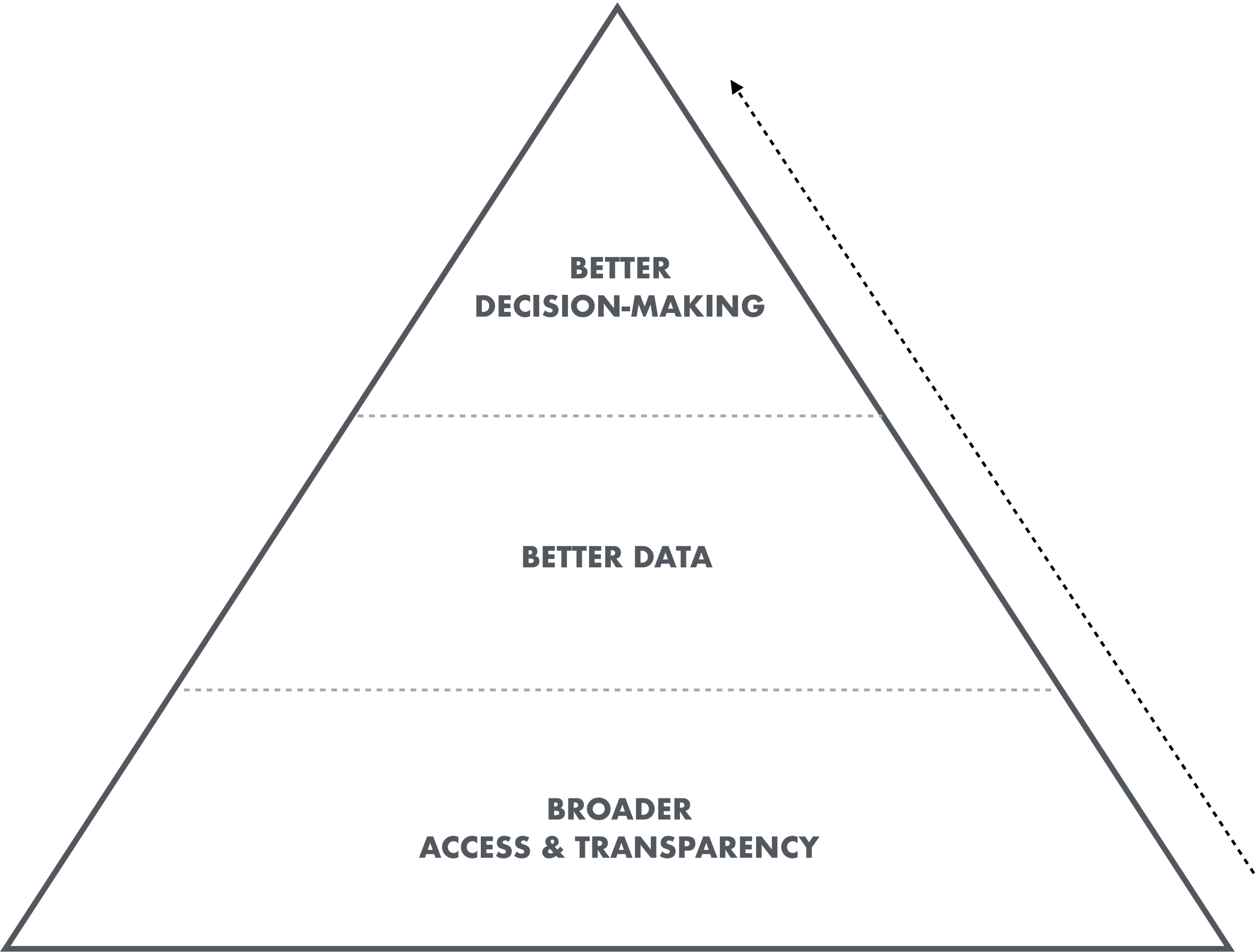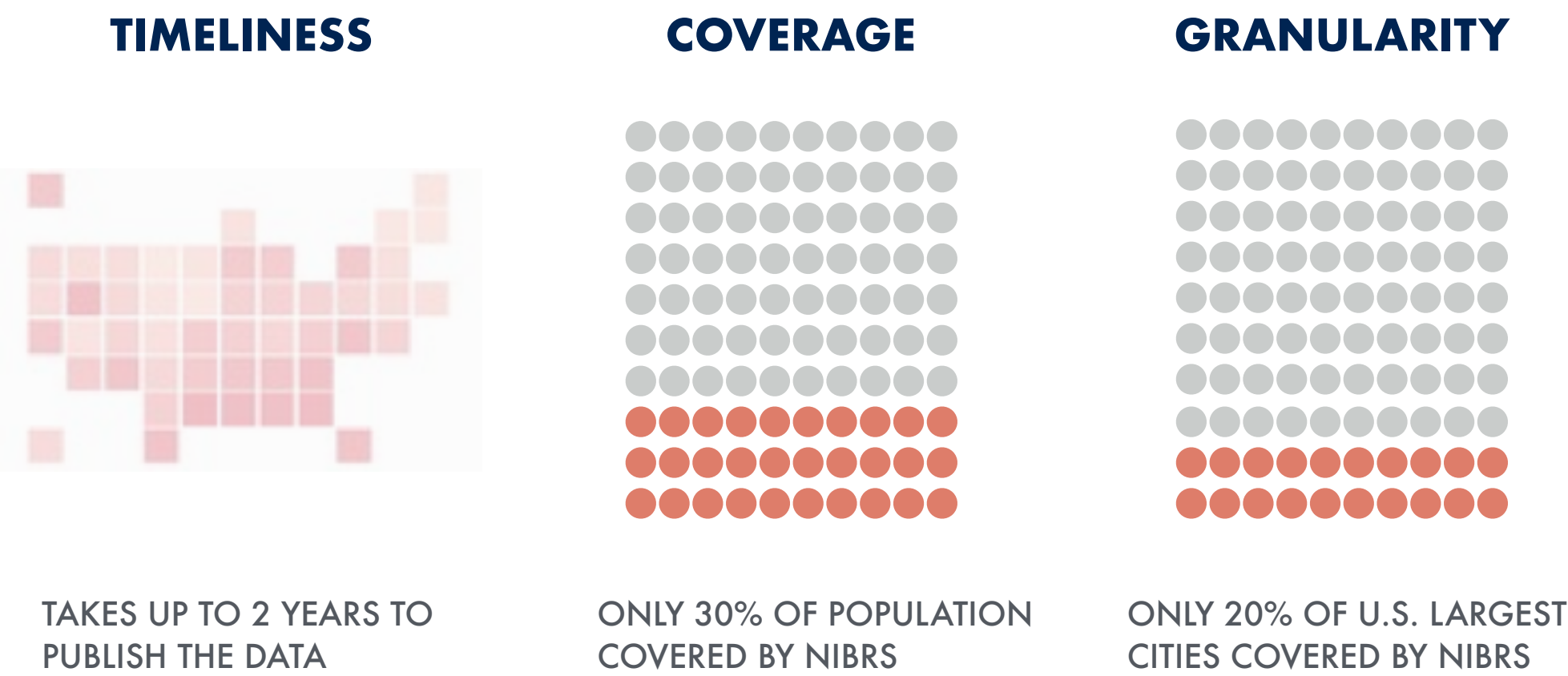OFFERS MULTIPLE PATHWAYS TO THE DATA:
WEB INTERFACE, DOWNLOADS, API.

EXPOSES THE FBI TO NEW WAYS OF WORKING.
INFLUENCES FUTURE BUILDS & BUYS.

PROMOTES CONTINUED MODERNIZATION OF THE
UCR PROGRAM.

WHY IS THIS IMPORTANT?

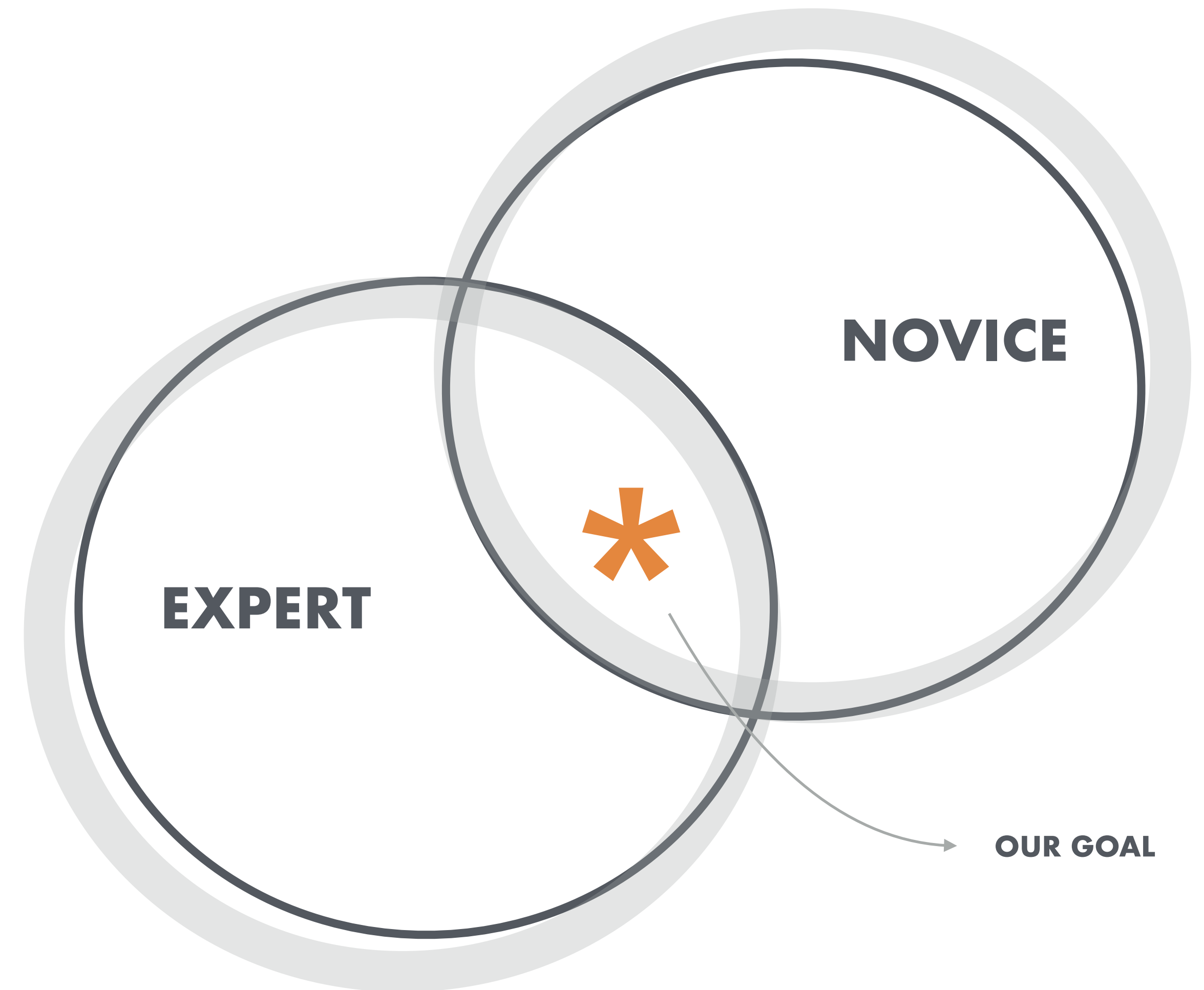"WE NEED MORE **TRANSPARENCY** IN LAW ENFORCEMENT & BETTER, **MORE INFORMED** CONVERSATIONS ABOUT CRIME."-FBI DIR. COMEY, 2015

CURRENT STATE OF UCR PROGRAM:

TIMELINESS

COVERAGE

GRANULARITY

TAKES UP TO 2 YEARS TO PUBLISH THE DATA

ONLY 30% OF POPULATION COVERED BY NIBRS

ONLY 20% OF U.S. LARGEST CITIES COVERED BY NIBRS

BETTER DECISION-MAKING

BETTER DATA

BROADER ACCESS & TRANSPARENCY

HOW DO YOU PRESENT CRIME STATS **RESPONSIBLY,** WHILE MAKING IT **ACCESSIBLE** TO EVERYONE?

EXPERT

NOVICE

*

OUR GOAL

DESIGN APPROACH

VALUE
HYPOTHESIS

MVP
DEFINITION

MVP
READY

BETA
LAUNCH

RESEARCH & PROTOTYPING

BUILD + TEST + LEARN

SUPPORT

SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT

DISCOVERY

MVP BUILD

PILOT & BUILD

TRANSITION

WE DESIGNED & BUILT AN MVP WITHIN 6 MONTHS
WE TESTED WITH USERS EVERY 2 WEEKS

"THE TROUBLES":
BUILDING CONFIDENCE IN THE CDE

PROJECT WIKI: https://github.com/18F/crime-data-explorer/wiki

PROJECT REPO: https://github.com/18F/crime-data-explorer

RESISTANCE =
SIZE & SPEED OF CHANGE

NEW TO AGILE & HUMAN-CENTERED DESIGN

NEW TO WORKING IN THE OPEN

FIRST CLOUD-BASED, OPEN SOURCE APPLICATION

SCALE OF TECHNICAL & DESIGN CHALLENGE

SHIFTING FROM A PROJECT TO A "PRODUCT MINDSET"

FEAR & UNCERTAINTY ABOUT THE DATA

MULTIPLE STAKEHOLDERS, COMPETING VISIONS

CHANGE IS A PART OF DELIVERY.

HOW DO WE HELP OUR PARTNERS WORK THIS WAY FROM DAY 1?

WE ARE NOT THE HEROES

—

WE ARE HERE TO MAKE THEM.

THE TEAM

AMBER REED **AVIVA OSKOW** **ERIC RONNE** **JEREMIA KIMELMAN** **JACOB HARRIS** **ALEX BISKER** **ANNA HELER SEBOK**

DESIGN ENGINEERING CUSTOM PARTNER SOLUTIONS

NICOLE FENTON **RYAN SIBLEY** **LARRY BAFUNDO** **BRENDAN SUDOL** **COLIN CRAIG** **CATHERINE DEVLIN**

CONTENT PRODUCT ENGINEERING

18F