Microsoft

EMPOWERED

by DIGITAL JUSTICE

"**Technology** is a powerful enabler that can **empower courts** to meet core purposes and responsibilities. Serious efforts are needed to examine process-reengineering opportunities and **courts must plan to migrate** from document to content management and initiate customer relations management to improve the **quality of justice**, **access to justice**, and **public trust** and confidence in courts as an institution..."

CHRIS CRAWFORD

Technology in the Courts Resource Guide; National Center for State Courts

Ecosystem Influences

Urbanization
Transformative technology
Shifting demographics
Public services growth
Document digitalization
Policy and enforcement shifts
Displaced populations
Citizen expectations

Online adjudication
Electronic discovery
High data volumes
Digital analytics
Disclosure sensitivity
Document digitalization
Evidence digitalization

eFiling
Online scheduling
eTicketing
Supervised home detention
Mobile notification and conferencing
eHearings and eJury
Cloud legal services
eDocketing

Major influences   **Emerging trends**   **Applications**

Trends and drivers

Courts will be impacted by the digital transformation
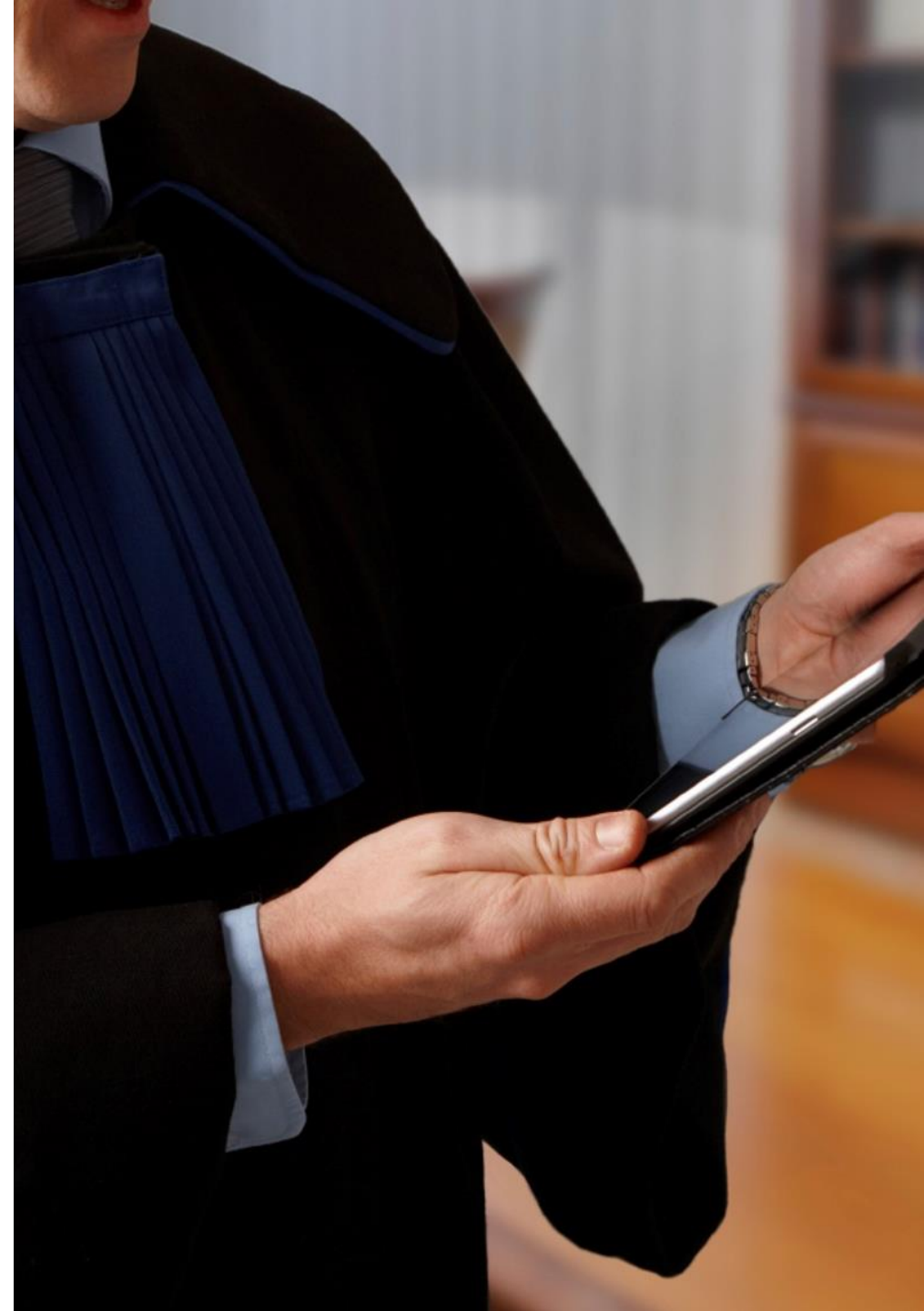
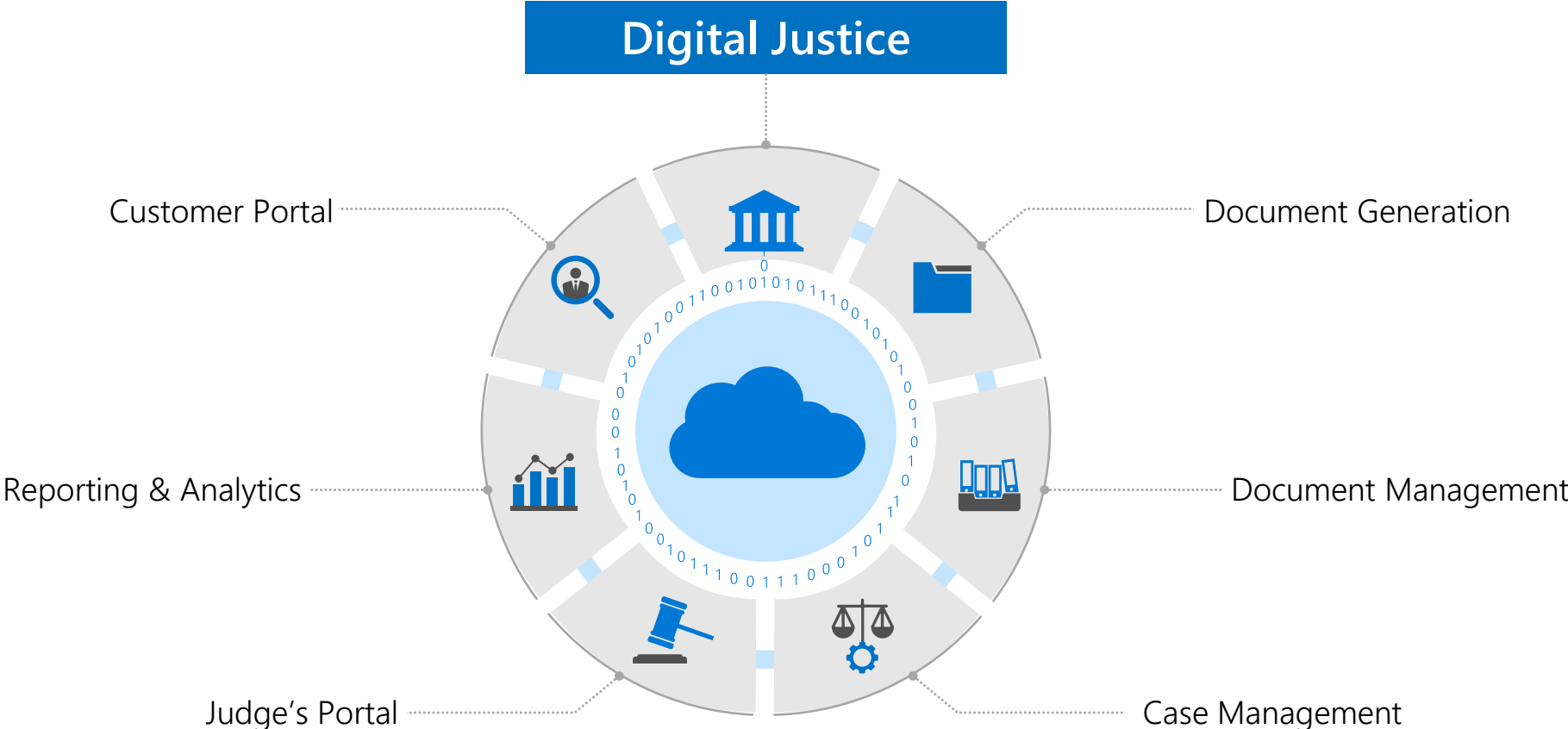# By 2020

40+
digital data will exceed 40 zettabytes*

Big data
will be pervasive across government agencies

40Fold+
global digital data will multiply 40-fold or more**

* Computerworld.com. ** Techsmart.com.

Digital Justice: Court Administration modules

Digital Justice

Customer Portal

Document Generation

Reporting & Analytics

Document Management

Judge's Portal

Case Management

Digital Justice

Pretrial Services

- Provide judges with data-driven recommendations to inform their pretrial determinations
- Centrally store and manage all information related to a defendant and to a case
- Manage and track cases from intake through pretrial completion
- Monitor court violations of pretrial release conditions

Court Administration

- Deliver an end-to-end digital judicial experience
- Seamlessly connect the concerned parties across criminal, civil, or family courts
- Keep all court customers at the heart of the system

Virtual Court Hearings

- Scheduling and Notifications for remote hearings
- Virtual Lobby, Hearing Notifications, and Translation services for all court proceedings
- Identity Verification for court participants
- Side Bar conversations with raise your hand feature for private conversations

Pretrial Services

Local jurisdictions are faced with many social, legal, and financial challenges – among them is the issue of pretrial incarceration. Courts use bail to keep the public safe and to make sure defendants appear in court for their trials.

Digitize paper-based processes
reducing data isolation while eliminating costly physical storage

Connect your courtrooms
to enable virtual courtrooms and remote testimony

Automate judicial processes
allowing citizens to access self-service kiosks

$14B
The cost of pretrial detention to local governments[1]

PRETRIAL ASSESSMENT

John Smith
DOB: 12/01/1978

Assessment ✓

Name	John Smith
DOB	12/01/1978	Age	37
Gender	Male	SSN	505-40-9368
Height	185cm	Weight	200lbs
Eye Color	Brown	Hair	Black
Drivers Licenses	856479
Address	5243 Florida USA

History
2017-01 – Loitering and disruption
2017-02 – Drug possession < 2gms
2017-03 – Drug possession < 2gms

Offense Date	:	02/18/2017
Case Number	:	CAS-35-V3H3B1
Offense Type	:	Drugs
Offense Code	:	943.10(1mxa)
Offense Description	:	Poss. Of Cocaine
Conviction Date	:	02/19/2017
Conviction Place	:	RACINE
Date Reported	:	02/18/2017
Verdict Finding	:	GUILTY / NO CONTEST
Sentence Details	:	EXTENDED SUPERVISION

Case Details: Caught with 12gms of Cocaine and resisted arrest when confronted. Arresting officer knows this subject has a criminal history but no known gang affiliations.

RECOMMENDATION

RISK
15%   50%   100%

Low Risk   Moderate Risk   High Risk
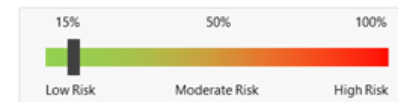
NOTES
Release to pretrial supervision with referral for drug treatment

Court Administration

Digital Justice is built on Microsoft Dynamics 365 to transform the justice system with an end-to-end platform that improves quality and pace of justice, addresses privacy and regulatory requirements, reduces court costs, increases citizen access to information, and enables new digital processes.

The Court Administration modules addresses components that help court administrators achieve more with greater efficiency.

Deliver an end-to-end digital judicial experience
reducing data isolation while eliminating costly physical storage

Seamlessly connect your concerned parties across criminal, civil, or family courts
to enable virtual courtrooms and remote testimony

Keep all your court customers at the heart of the system
allowing citizens to access self-service kiosks

Provides justice professionals the opportunity to capitalize on digital justice

Improved quality and pace of justice

Address security, privacy and regulatory requirements

Deliver better justice with multi-divisions collaboration

Improve IT services efficiency and cash flow

Streamline and simplify records with digital tools

Enable intelligent decision making

Improve accessibility anywhere, anytime, any channel

Virtual Court Hearings

Scheduling

Notifications

Attend the Hearing

Virtual Lobby

Evidence Presentation

Broadcast Hearing

Hearing Recording

Briefing & Oaths (Swearing-in)

Identity Verification

Raise Your Hand

Sidebar Conversations

Mute All

Hearing Ends

Platform Overview

- Customer Portal
- Case Management Portal
- Document Management & Court File
- Electronic Bundles
- Document Generation
- Scheduling
- Notifications
- Court Fees

- Virtual Hearings & Trials
- Judges Portal
- Publication of Court's Judgments
- Alternative Dispute Resolution
- Reporting & Analytics
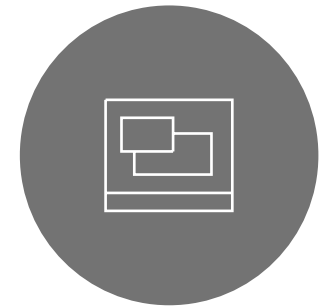
Digital Justice by the numbers

Ecosystem dimension and volumes in the U.S.

10.5M+ Total arrests nationwide (2017)[1]	**1.2M+** Property crime (2017)[1]	**518K+** Violent crime (2017)[1]
44% Percentage arrested in first year of release (2018)[3]	**68%** Percentage reconvicted in three years 2018[3]	**79%** Percentage reconvicted within 6 years (2018)[2]
83% Percentage re-imprisoned within nine years (2018)[2]	**721K** Incarcerated in Local jails[2]	**3.67M** Total population incarcerated in 2016[2]
82M All Trail Courts incoming cases (2016)[1]	**1.485M** State or federal institutions[2]	**15.3M** US Total Civil case load 2016[2]

1 US Federal Bureau of Investigation (2013); 2 Institute of Criminal Policy Research (2017)

Impact on courts

Funding, caseloads, and time to disposition

$1B
Record federal (GSA) funding for court projects in 2015

279K+
Federal Civil Filings

80K+
Federal Criminal Filings

667
Total authorized federal district court judgeships.[1]

412
Average civil filing per judge

118
Average criminal defendants per judge

11,568
Total number of trials completed by Article III judges

274K+
Civil cases terminated in 2015

81K+
Criminal cases terminated in 2015

9 months
Median time civil case disposition

341K+
Civil cases pending, end of 2015

98K+
Criminal cases pending, end of 2015

U.S. District Courts - Judicial Business 2015; (United States Courts – Statistical Reports; 2015)
http://www.uscourts.gov/statistics-reports/us-district-courts-judicial-business-2015

Impact on courts

Funding, caseloads, and time to disposition

84M
Total U.S. State Court trials in 2016[1]

15.1M
Total Criminal U.S. State Court trials in 2017[1]

14.9M
Total Civil U.S. State Court trials in 2017[1]

42M
Total Traffic Cases U.S. State Courts (2017)[1]

4.7M
Total Domestic Cases in U.S. State Courts (2017)[1]

1.3M
Total Juvenile Cases in U.S. State Courts (2017)[1]

215,000
Total Appeals in U.S. State Courts (2017)[2]

195K
Total Appeal to State Court of Last Resort (2017)[2]

23%
Percentage of Trial Court Decisions Upheld (2017)[2]

1 (U.S.) CSP: Court Statistics Project |A Project of National Center for State Courts (2014)
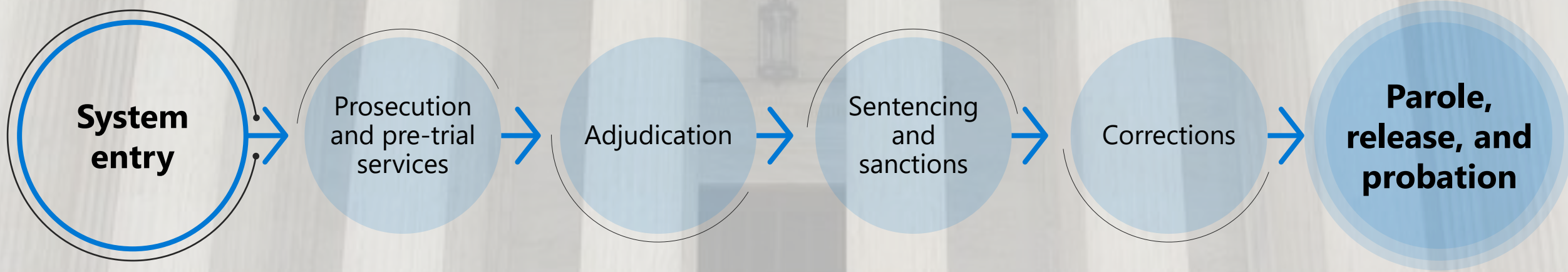2 (U.S.) Bureau of Justice | Criminal Appeals in State Courts (2010)
* Note: For gross illustration purposed only: United States Court totals include District of Columbia, Puerto Rico, and commingle diverse types of state tiered systems.
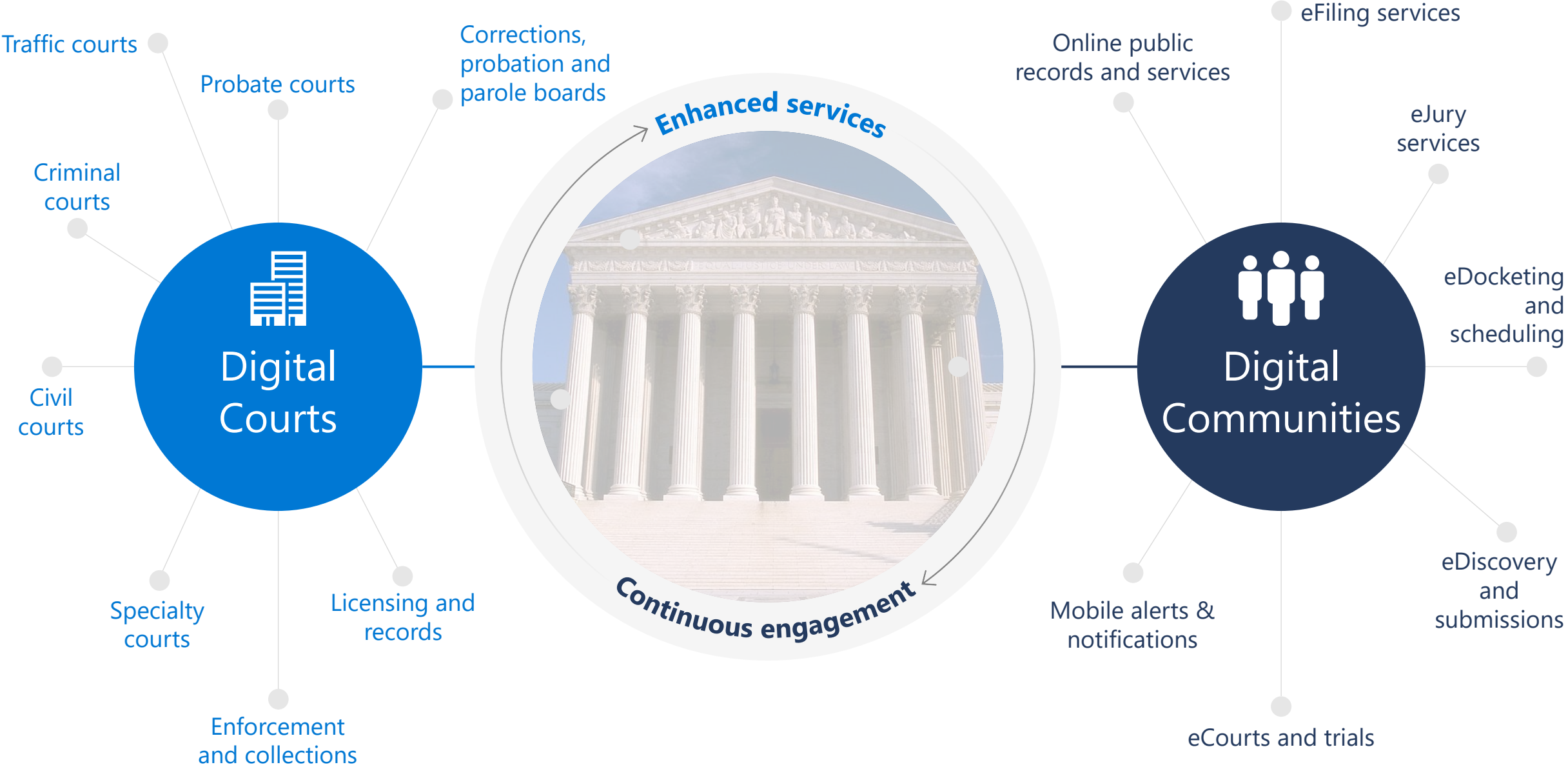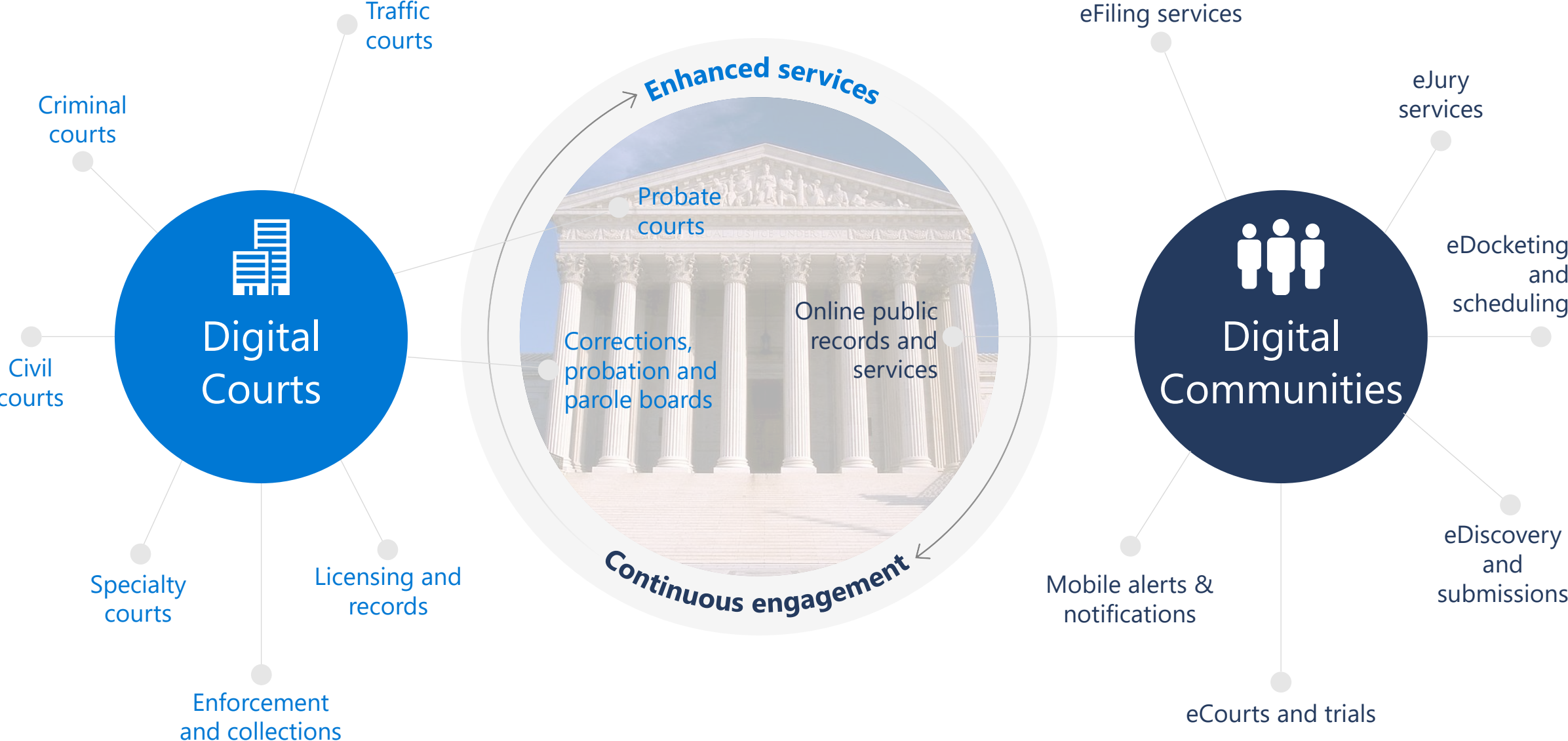
Empowered ecosystems

Integration of previously siloed operations enhances efficiency

**System entry** → Prosecution and pre-trial services → Adjudication → Sentencing and sanctions → Corrections → **Parole, release, and probation**

Connecting courts and services

Traffic courts

Probate courts

Corrections, probation and parole boards

Criminal courts

Civil courts

Digital Courts

Specialty courts

Licensing and records

Enforcement and collections

Enhanced services

Continuous engagement

Online public records and services

eFiling services

eJury services

eDocketing and scheduling

Digital Communities

eDiscovery and submissions

Mobile alerts & notifications

eCourts and trials

Connecting courts and services

Digital Courts

Traffic courts
Criminal courts
Civil courts
Specialty courts
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Digital Communities

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eJury services
eDocketing and scheduling
eDiscovery and submissions
eCourts and trials
Mobile alerts & notifications

Integrated solutions

→ Integrate and align resources for enhanced insight and security

→ Optimize processes that empower workers and boost productivity

→ Transform systems to increase efficiency, transparency, and trust
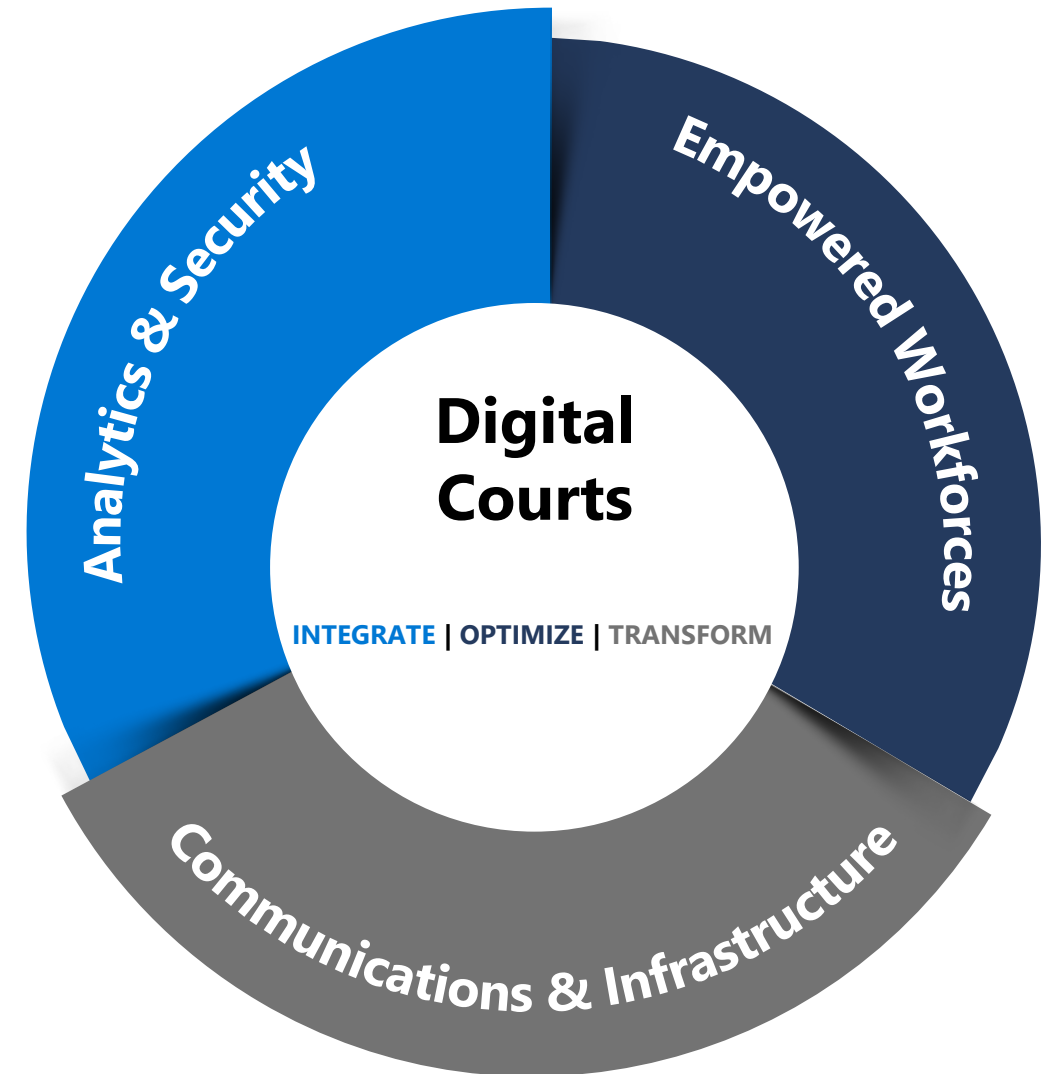
Digital transformation

What if technology could help you...

→ Access and review all case filings and motions, anywhere, anytime on a single device?

→ Hear testimony from multiple witnesses in multiple locations without any delay?

→ Conduct remote jury video examinations of properties and crime scenes by video?

→ Expedite coordination of complex litigation and multi-jurisdictional actions?

→ Notify and alert parties to conferences rulings using mobile devices.
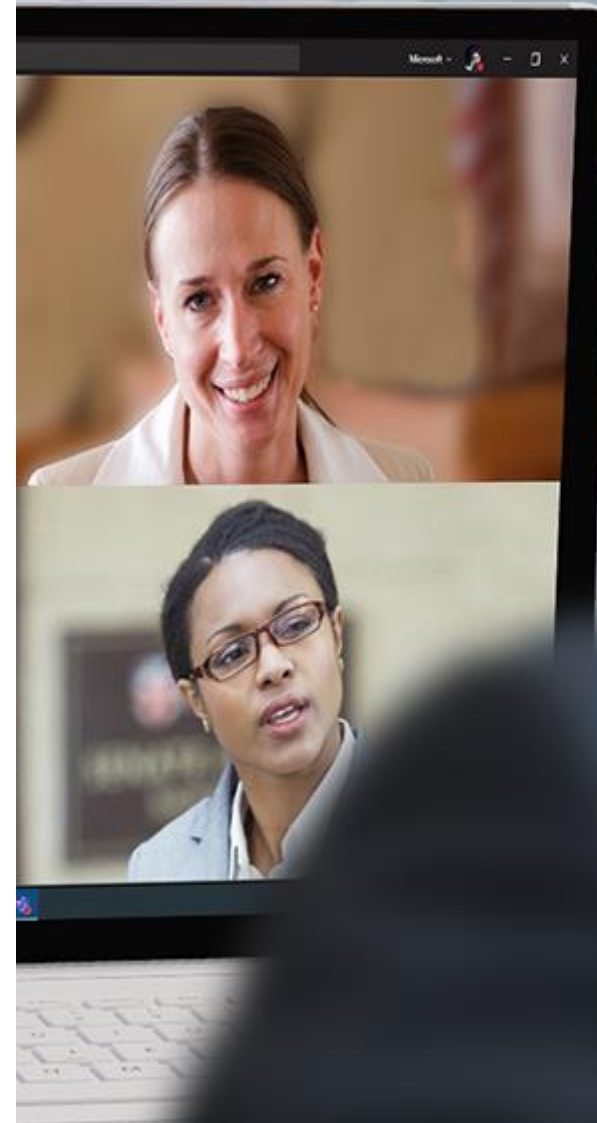
Enhance analytics and security

Secure inter-agency, inter-jurisdictional access to data

+

Review and validation of diverse records and statistics

+

Delivery of sensemaking, role-relevant data and insight

=

Integrated and aligned resources that enhance insight and security

Enable empowered workforces

Streamlined ecosystem data sharing and coordination

+

Efficient tools that speed time-to-hearing and disposition

+

Anytime, anywhere access to calendars, case files, and evidence

=

Optimized processes that empower workers and boost productivity

Align communications and infrastructure

Integrated dockets, records, and evidence

+

Digitalized delivery across channels and devices

+

Greater reach with video and web for testimony, hearings, etc.

=

Transformation that increases efficiency, transparency, and trust

Why Microsoft Services for Business Applications

We empower organizations to put innovation into practice using our global reach and ecosystem to deliver strategic business outcomes, maximize the value of cloud technology, and drive success through continual support

Expertise

We ensure successful outcomes of Dynamics 365 projects by leveraging unrivaled expertise, IP, and proven Sure Step delivery methodology, combined with Microsoft support.

Ingenuity

We push product boundaries, partnering across engineering groups, ISVs, and SIs to create innovative, customer focused solutions.

Empowerment

We partner closely with business and technical teams to ensure solution capabilities meet desired outcomes, while transferring expertise and knowledge throughout the project lifecycle.

"Our mission is to empower every person and every organization on the planet to achieve more."

Satya Nadella
CEO, Microsoft