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NT INSPECT™

Executive Briefing
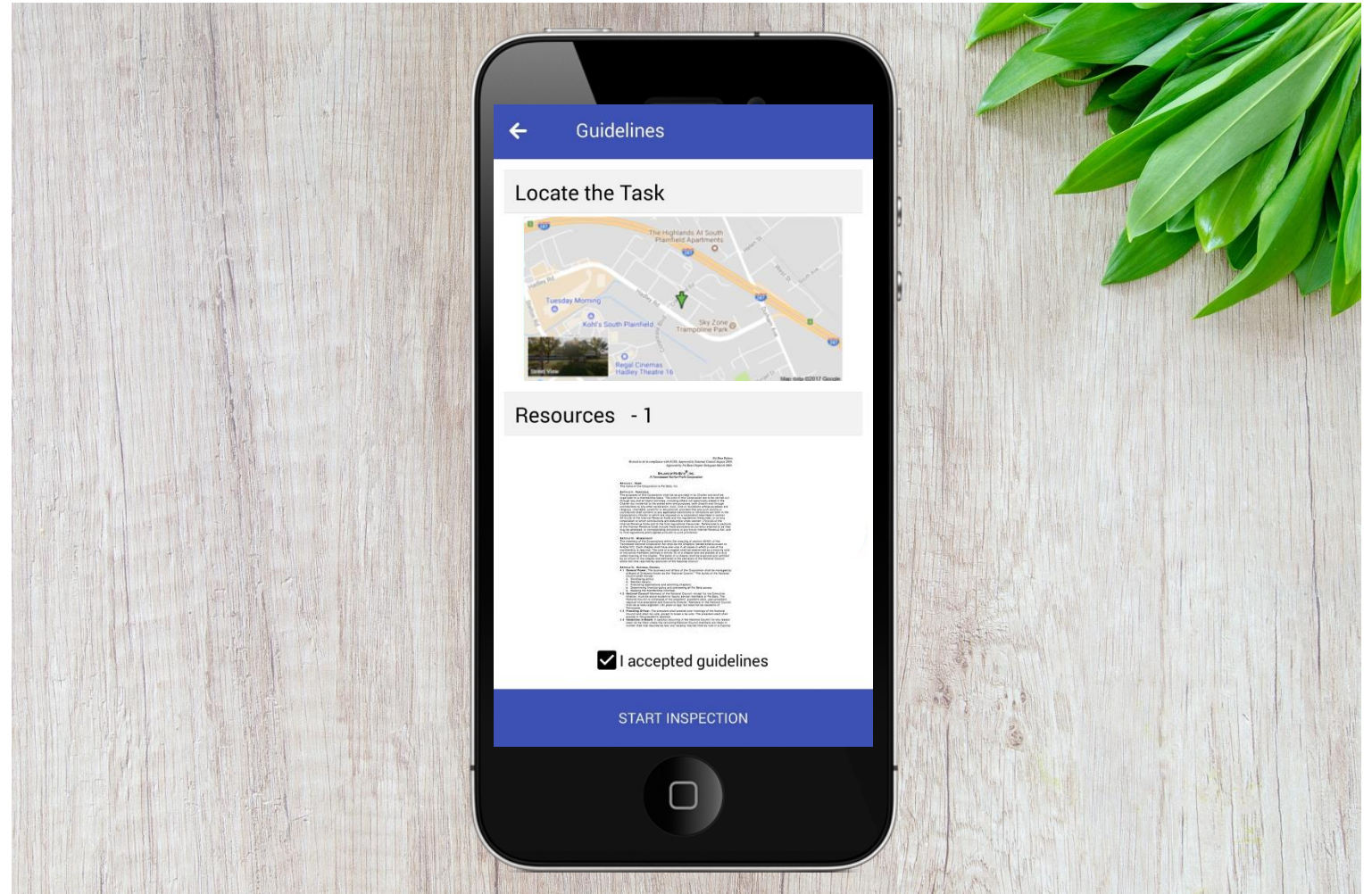
Modernization, made easy

The pressure to modernize aging IT infrastructure is building. Doing nothing will be become increasingly difficult:

- Rising cost of maintenance

- Retirement of mainframe specialists

- Inability to build more sophisticated, advanced systems

NT INSPECT™ partners with government agencies to fulfill their strategic vision by approaching digital transformation in a modular-based approach.

Modular Design

- Speed & Scale

- Digitize paper forms into Mobile/Portal App Instantaneously

- Quick PoC *Paper form transformed into mobile App in 1 WK*

- Scaling to millions of transactions through Cloud

- Secure: Encrypt @ rest // Encrypt @ in transit

- Geofencing to prevent Fraud

- Portal On-premise option

- Competitive pricing

- Software as a Service (SaaS) // per user, per month

Big Data, small barriers

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Our App + Your Objectives
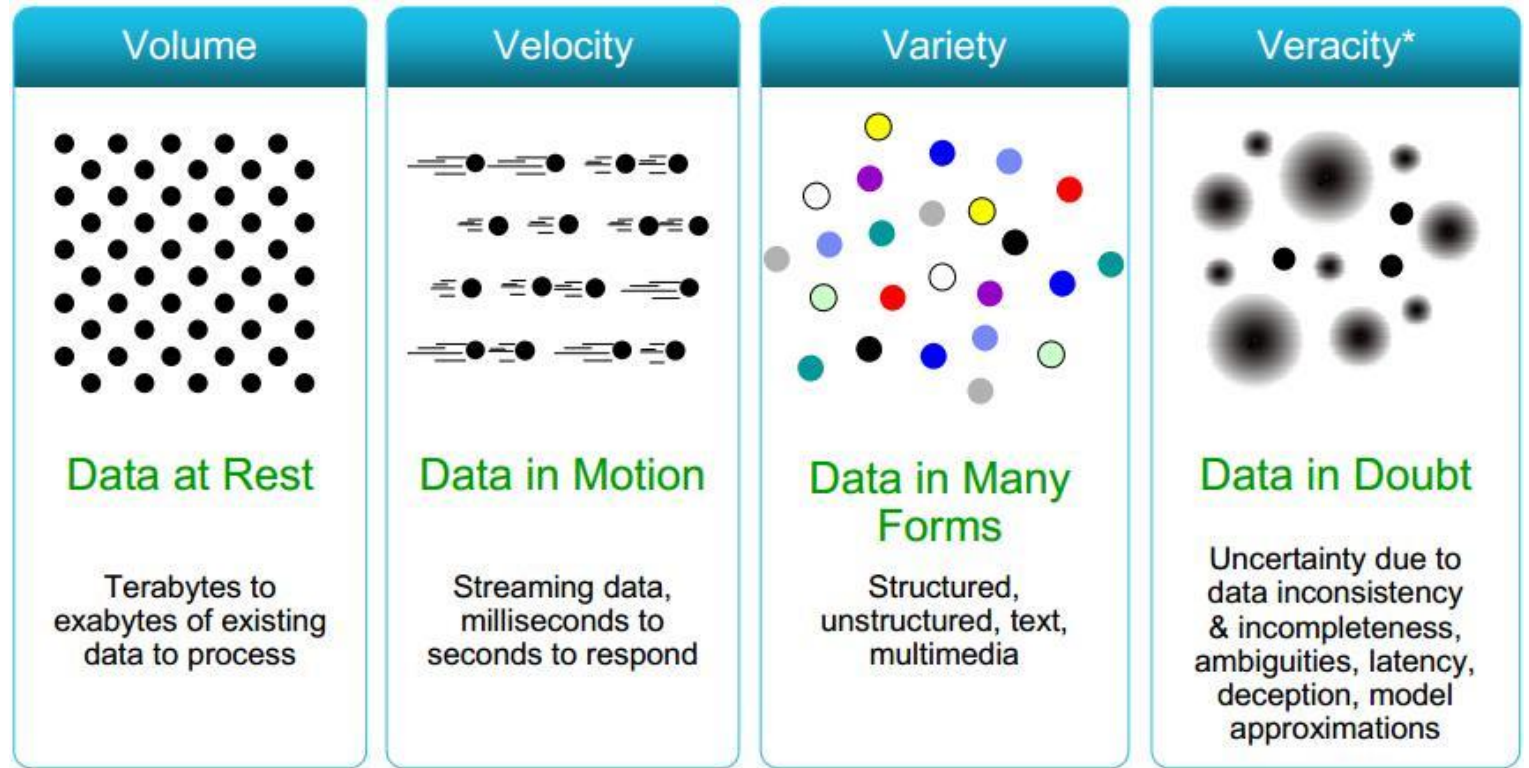
- Data items supported: Photo, Video and QR scanning;
- Conditional questions, pre-populated responses;
- Multiple Signature Capture;
- Inspection Summary:
  - Email/Export to PDF,
  - Wireless Printing;
- Enable/Disable Geotracking;
- OFFLINE use: Non-networked devices for secure locations;
- Enterprise Mobility Management.

airwatch™
mobile device management

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Technology Stack

- **Mobile**
  - Presentation Tier: Google Material Design UX with Accessibility
  - Database: Encrypted SQLite[1]
  - Storage: NIST File Encryption[2]
  - Languages: Java & Android Frameworks
  - Operating System: Android
- **Tools**
  - Development: Team Foundation Server/Visual Studio Team Services
  - Source Code Management: Git
  - Project management : VSOnline

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Technology Stack (cont'd)

- **Backend**

  - <u>Presentation Tier:</u> HTML5/CSS3/ JavaScript, AngularJS (1.x), U.S Web Design Standards

  - <u>Business Tier:</u> Scalable Microservice Architecture

  - <u>Database:</u> SQL Server 2014 & Above

  - <u>Integration Services:</u> Office 365, Active Directory

  - <u>Languages:</u> C# & ASP.NET Frameworks

- <u>Operating System</u>: Microsoft Windows Server

*[1] **FIPS** PUB **140-2 Standard - AES-256/On-The-Fly PBKDF2***
*[2] AES-256/CBC Mode/ PKCS7 **NIST Standard***