



Land Development Modernization

BOS Information Technology Committee

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Land Development Modernization



Alignment with County Strategic Initiatives

- Economic Success Strategic Plan
- Fairfax First
 - P7 – Service Delivery Model
 - P9 – Technology
- zMOD
- Land Use Committee Recommendations
- County Technology initiatives for:
 - Modern, private-sector like experience
 - Digitization and multi-system integration opportunities

Vision: Integrated technology that enables seamless customer and staff interactions, and supports land use and development operations.

Economic Success Strategic Plan



Land Development Modernization



PLUS Project - Key Outcomes

- **Decrease** process/cycle timeframes and shorten the time to market for land building and permitting
- **Improve** the customer experience and provide a “One Stop Shop”
- **Unify** siloed and disparate business processes
- **Improve** data analytics and metrics
- **Enable** real time status for land use processes
- **Enhance** the mobility experience for customers and staff
- **Employ** modern technology architecture

PLUS PROJECT Participating Departments



Core Stakeholders

- Land Development Services
- Dept. of Planning and Zoning
- Health Dept., Environmental Services
- Fire and Rescue Dept.
- Dept. of Code Compliance
- Dept. of Information Technology

Collaborative/Review Agencies

- Dept. of Public Works and Environmental Services
- Fairfax Park Authority
- Fairfax Water
- Fairfax County Public Schools
- Dept. of Transportation
- Virginia Dept. of Transportation

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Replace aging, disparate legacy systems that are heavily customized and not able to meet County business process and customer service goals.

Critical IT areas identified in Fairfax First Study & Gartner Land Use and Development Services Strategic Assessment

- **1997 Land Development System (LDS)**

- Zoning and Planning System (ZAPS)
- Plans and Waivers System (PAWS)
- LDSNet

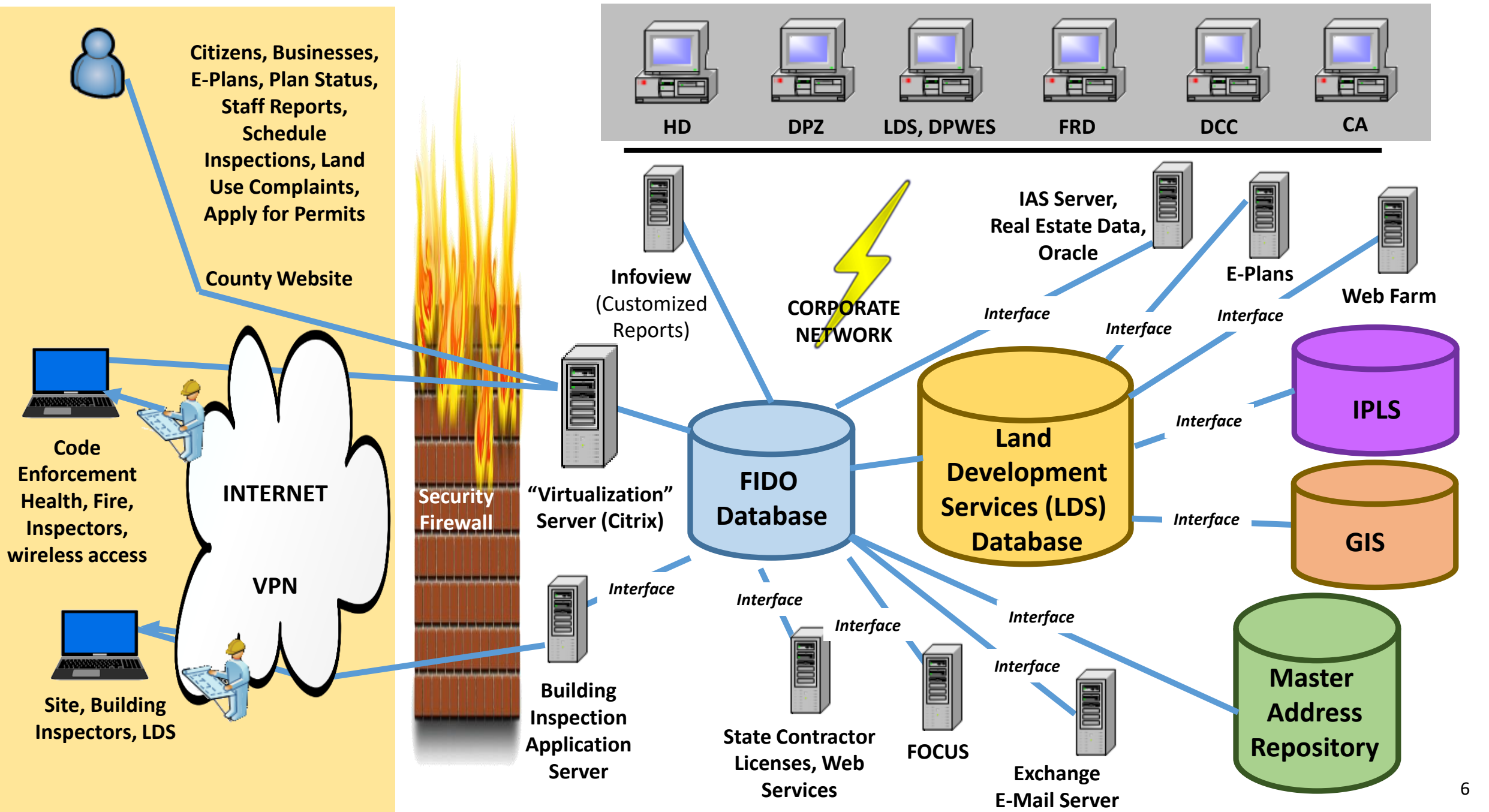
21 years old
300 users
423 plan types

- **1999 Site Inspections 2K**

- **2003 Fairfax Inspections Database Online (FIDO)**

- **Dozens of custom auxiliary databases**

15 years old
650 users
114 permit
License Types



Land Development - Current Metrics

\$2.2 Billion in New Construction!

220,000 Field Inspections

60,000 Building Permits Issued Annually

4,500 Site-Related Plans Submitted Annually

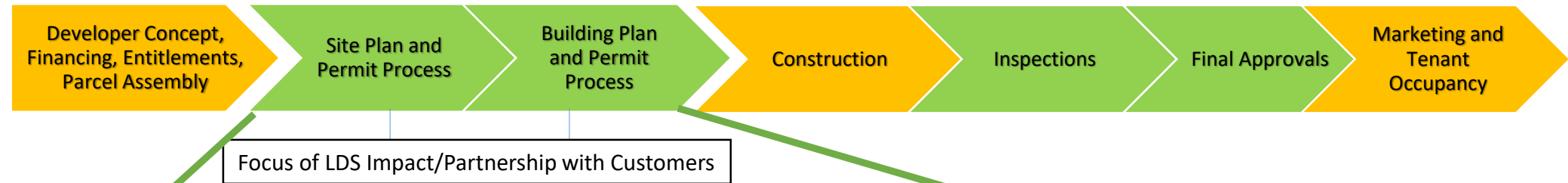
30,000 Customers Served at Counters





Shorten the Time to Market

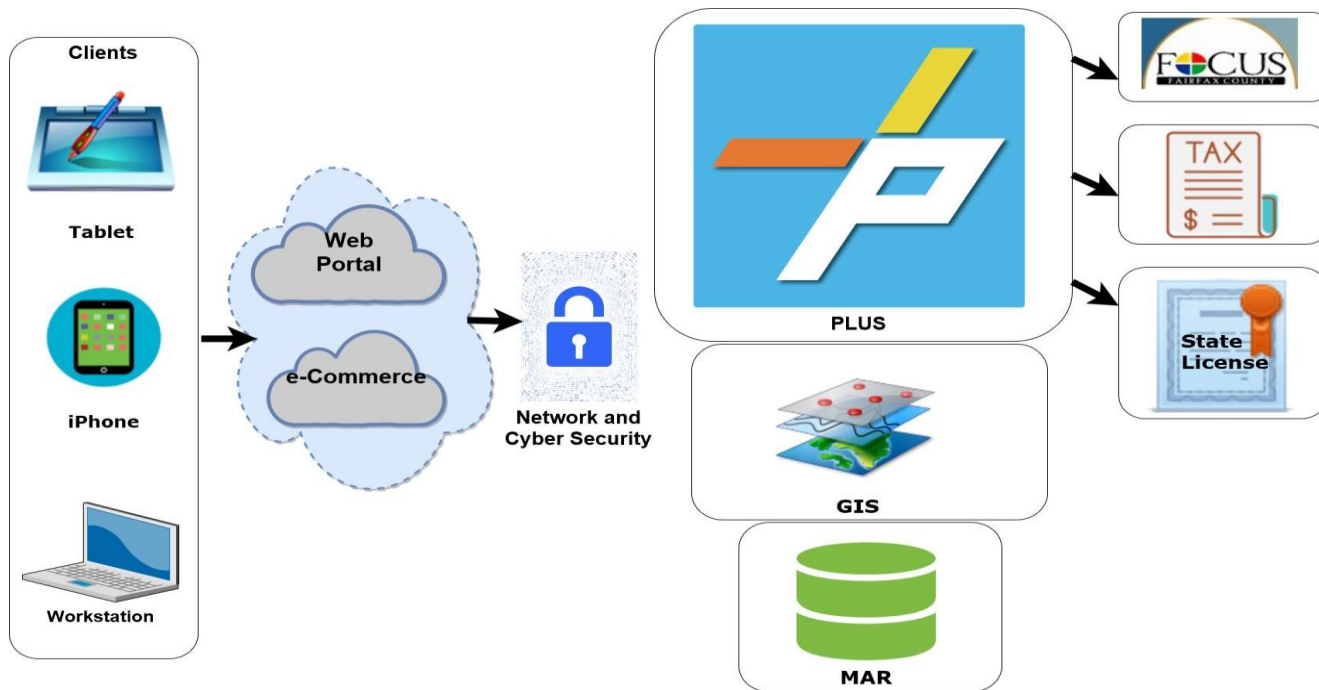
Industry Definition



LDS Proxy – What We Can Control



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PLUS Project – The Solution

- Scalable and flexible modern technology platforms:
 - Accela and e-Permit Hub
- Customer service WEB portal for industry and residents
- Mobile ready
- GIS integration
- Integration with FOCUS

PLUS PROJECT – Progress to Date



- **Software platforms and implementer**
- Aligned current business requirements to Software (**over 1,000**)
- Reduced number of record types from **600+ to ~226**
- Global and distinct integrated design
- Process improvement reengineering sessions
- Deployment approach decision
- Iterative system development
- Initial technical infrastructure
- Product guided tours and technical training
- Demonstrations of initial configurations

PLUS PROJECT – Upcoming Activities

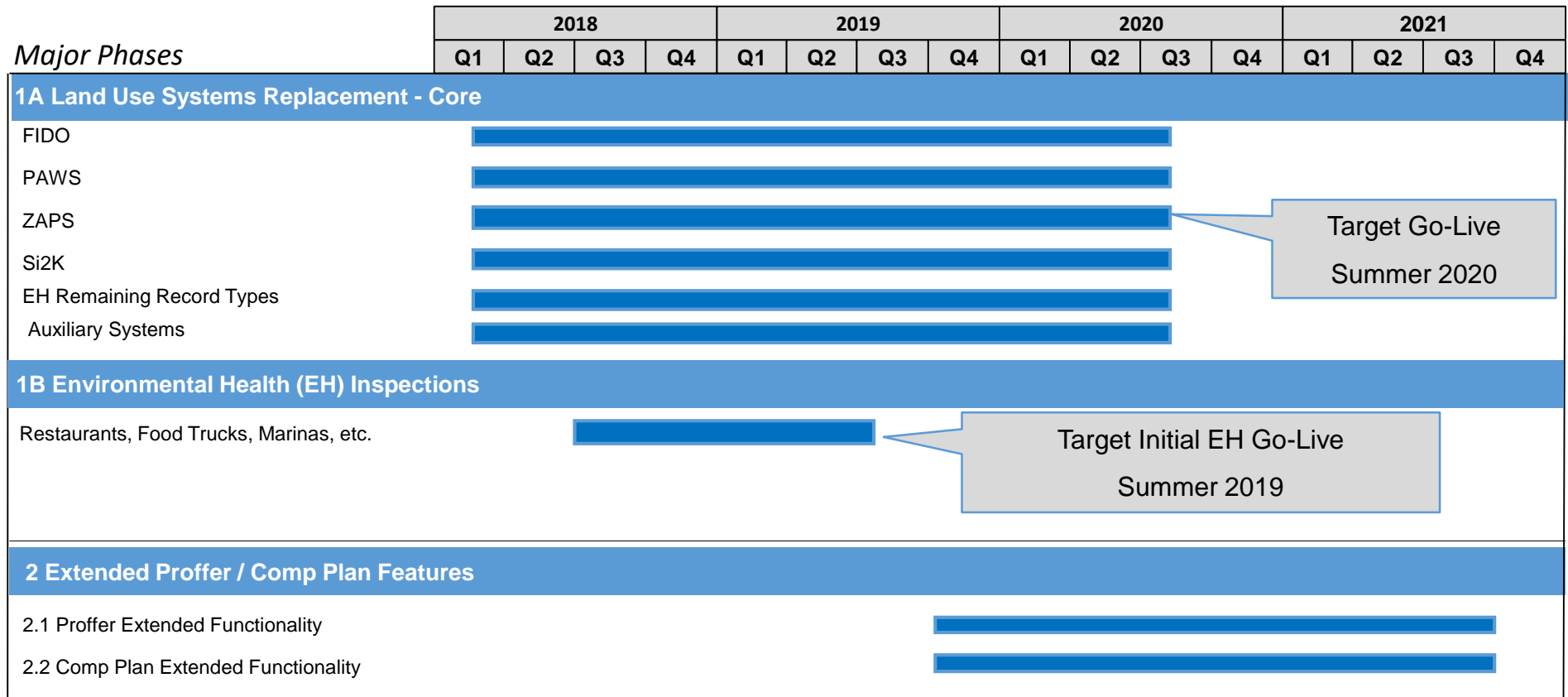


- Workshops, design and system configuration
- Data mapping and conversion
- Platform infrastructure and data environments
- Organizational change management
- Interfaces and reports
- Test and training plans
- Cyber security

Ongoing Enhancements

- *Legacy LDS/FIDO lifeline Project enhancements (new building codes, violation codes, short term leasing, etc.)*
- *E-Plans*

PLUS PROJECT – Projected Timeline



Note: Target dates dependent on State and County mandates and lifeline enhancements.

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