



Massachusetts
Department of Environmental
Protection
Digital Strategy



MassDEP Challenges

- **Thousands** of facilities and activities to track, inspect, and monitor; with a 29% reduction in FTE's for inspecting and tracking compliance
- **Slowed** permit time to decision due to incomplete applications
- **Thousands** of reports submitted via paper
- **Public records requests**
- **100+** separate Data Systems, making it difficult to share data and meet evolving requirements



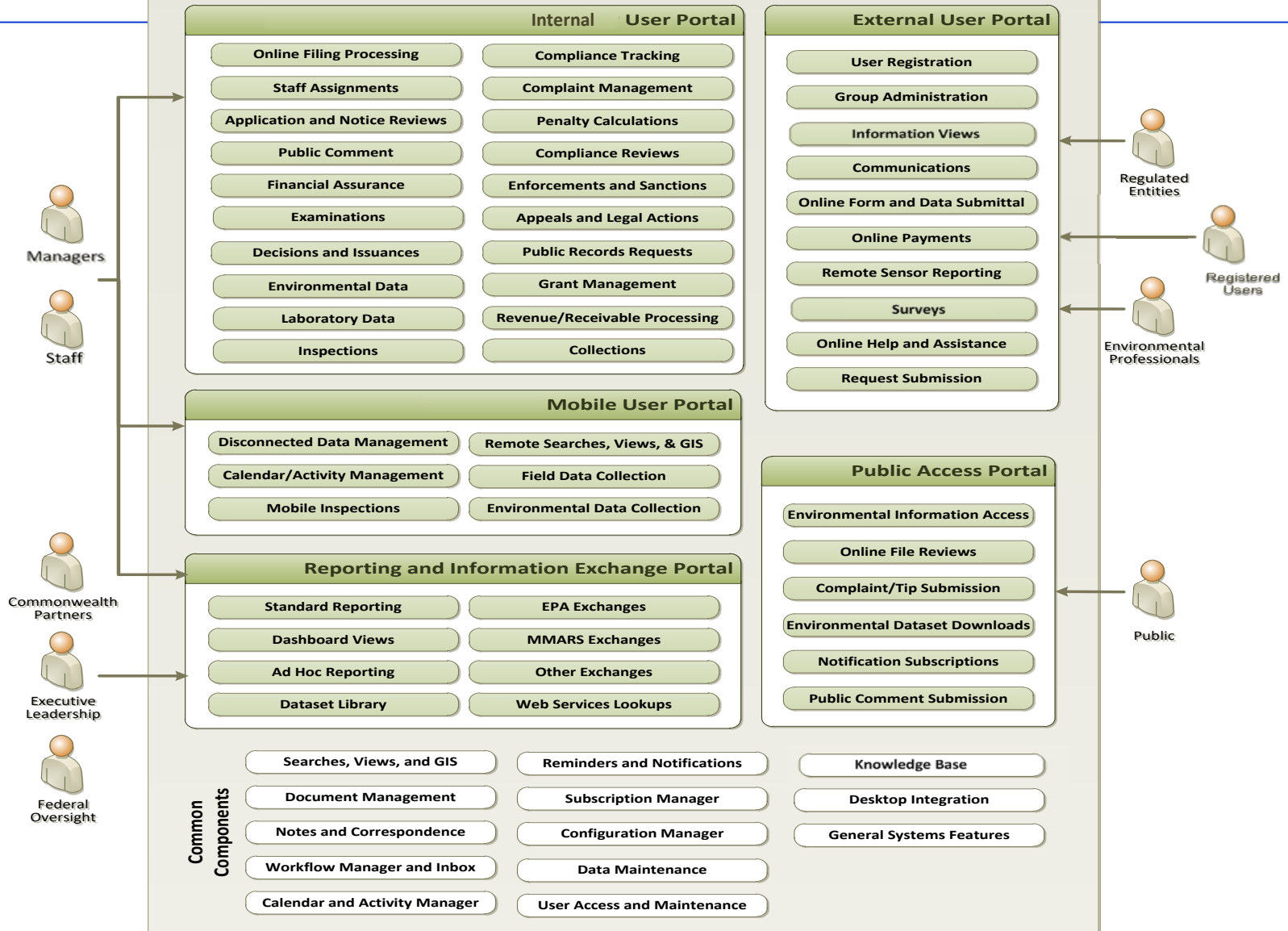
Our Path Forward?

We needed a digital strategy!





EIPAS Business Component Model



EIPAS Design Tenets

1. Team members trained in **Agile**
2. Projects designed to be **modular** and **iterative** and have production ready code quickly
3. Applications are designed to use **sharable, extensible** components
4. **Flexibility** in design to reflect changes in administration goals or regulation changes
5. Integrated Business Technology Platform enables **data sharing** between legacy and new systems faster than if we tried to redesign all our legacy systems



E-Enterprise Digital Strategy - The Strategies

- Work collaboratively to transform systems, processes, and programs in smart, secure, and affordable ways.
- Enable consumers of environmental data to access high-quality digital environmental information and services across organizational boundaries.
- Leverage technology for faster data sharing and provide better predictive versus reactive environmental management approaches.



E-Enterprise Digital Strategy - The Principles

- **Customer-Centric** - Allow customers to shape, share and consume information, whenever and however they want it.
- **Information-Centric** - Move from managing “documents” to managing discrete pieces of open data and content which can be presented in the way that is most useful for the consumer.
- **Shared Platforms** - Reduce costs, streamline development, apply consistent standards, and ensure consistency in how we create and deliver information.



The E-Enterprise Digital Strategy – The Opportunity

- **Develop** Shared E-Enterprise Digital Services and Co-Managed Repositories
- **Enable access** to data, services, development platforms and hosting
- Resulting in **efficiencies, cost savings, and more responsive programs** for all partners and regulated entities.



Want more information?

MassDEP Energy and Environmental Information and Public Access System (EIPAS)

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E-Enterprise Digital Strategy

- Contact Kurt Rakouskas at krakouskas@ecos.org
- Visit the E-Enterprise table at the break

