

# VDOT – SharePoint 2010 Strategy

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# Agenda

- What is SharePoint?
- VDOT- Objectives for SharePoint 2010
- Strategic Progression (Information Mgmt. Maturity Model)
- A Case For Change
- InsideVDOT vs. SharePoint 2010
- Information Architecture
- Project Release Strategy & Scope
- Governance
- A Look Ahead for SharePoint at VDOT

# What is SharePoint?...In Plain English

*SharePoint is a web application platform developed by Microsoft for small to large organizations.*

*It is typically associated with web content management and document management.*



[http://en.wikipedia.org/wiki/SharePoint\\_2010](http://en.wikipedia.org/wiki/SharePoint_2010)

# What is SharePoint?

## Sites

Provides web sites to share documents with colleagues, manage projects with partners, and publish information to customers.

## Composites

Provides tools and components for creating do-it-yourself, no-code business solutions.

## Insights

Gives access to the information in databases, reports, and business applications.

## Communities

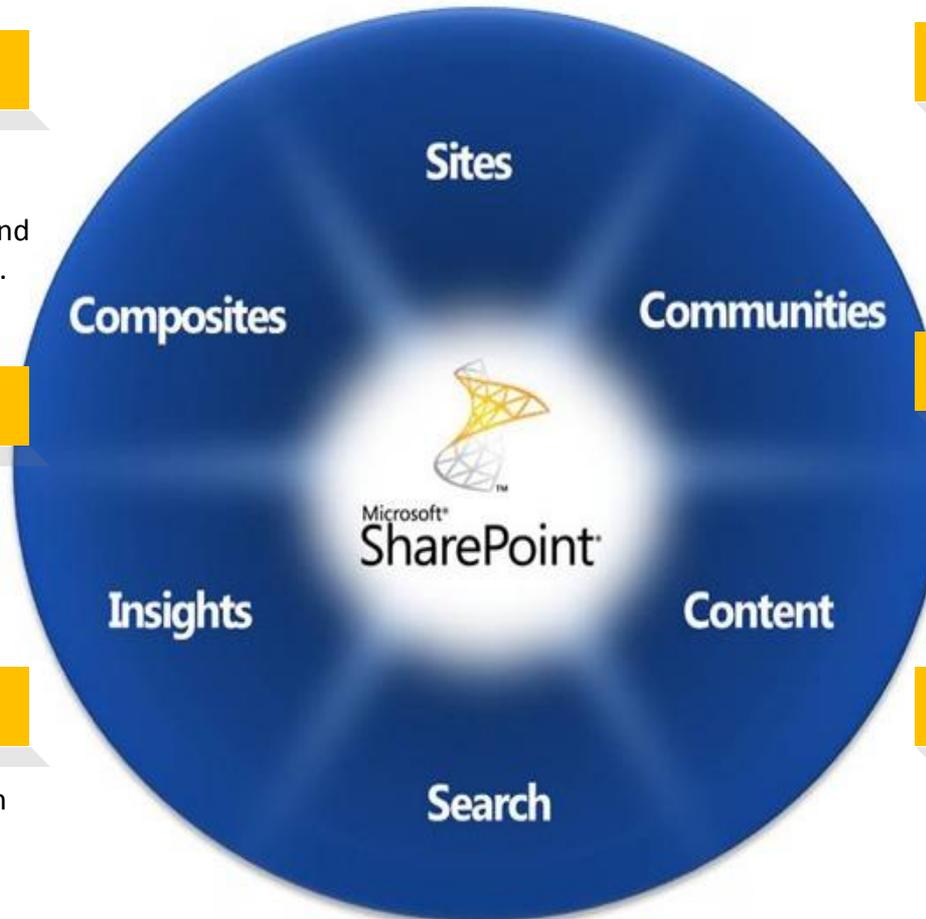
Delivers collaboration tools, including user profile and tagging.

## Content

Set up compliance measures "behind the scenes"—with features like document types, retention policies, and automatic content sorting.

## Search

Provides a combination of relevance, refinement, and social cues helps people find the information they need.



# What SharePoint 2010 Does...

## ...That Previous Versions Do Not

### BCS

Business Connectivity Services - **Two-way data communication** with mainframes, web services, or other Line of Business systems.

### Enhanced Search

Additional features such as **search facets** based on metadata, **hit counts**, **document previews**, etc.

### Social Tagging

Folksonomy. Allows users to tag content according to their own **personal classification system**.

### Location-Based Metadata

Default **metadata** is applied automatically to documents based on **where they are stored in the system**.

### Enterprise Wikis

**Centralized organizational knowledge repository** that is designed to both store and share information on an enterprise-wide scale.

# What SharePoint 2010 Does...

## ...That Previous Versions Do Not

### Enhanced Workflow

**Advanced document routing, approval routing,** and other flows can be created using SharePoint Designer and Microsoft Visio.

### Visual Studio Integration

Allows developers to build **custom Web Parts and advanced workflows that interact with external systems.**

### Enhanced Record Mgmt.

**Ability to flag documents as a "Record"** via the Record Center Site for document management. Workflow is used to control document movement into the site.

### Business Intelligence

**KPIs, Dash-boarding & drill down capability** (performance point) - Integrates with Microsoft Excel, Visio, & SQL Server.

### Extranet

Provides **business partners** with varying levels of access to the internal enterprise system.

# A Platform For Change

*SharePoint 2010 is a robust development platform...*

*...but it's not ideal for everything!*

- |  |   |
|--|---|
| ✓ Intranet portal  | ✗ Records & legal compliance                        |
| ✓ Centralized electronic content and document storage & management               | ✗ Corporate Financial Management Systems            |
| ✓ Content collaboration  | ✗ Digital asset management                          |
| ✓ Extranet sites (aka OutsideVDOT)   | ✗ Geographical Information System                   |
| ✓ Used to consume data from data sources   | ✗ Used as a database, data source, data mart or ETL |
| ✓ Business Intelligence (KPIs, dash boards, integration with Reporting Services) | ✗ Data-mining                                       |
| ✓ Basic and advanced business workflow & document routing                        | ✗ Complex workflow development                      |

# VDOT – Objectives for SP2010

- Implement basic SharePoint 2010 infrastructure with focus on InsideVDOT (corporate intranet portal)
  - Information architecture
  - Fast infrastructure
  - Content migration from SP2003 to SP2010
  - Governance infrastructure
  - Infrastructure to support ongoing/future SP development
  - Training
- Commissioner's priorities (re: SharePoint) to deliver the Governors Transportation program
  - Address legislated funding infusion
  - Address and track numerous audit findings and recommendations
- Leverage VDOT Technology Investment Board to identify/prioritize future SharePoint based initiatives based on:
  - Tool/infrastructure availability
  - Organizational readiness
  - Business impact
  - Resource availability/capability

# Strategic Progression

## Information Management Maturity Model



# A Case For Change

## The Value in Rebuilding



Benefit	Value Impact
<ul style="list-style-type: none"> <li>Minimized document duplication</li> <li>Improved document metadata</li> <li>Improved search</li> </ul>	1 hour of search time saved per week per user (4k employees). 200,000 hours of productivity savings a year (approx. 100FTE)
OutsideVDOT – direct outside access (user specific) to internal documents	Reduced need for File Shares <ul style="list-style-type: none"> <li>Reduced IT administrative time</li> <li>Reduced HW/SW support costs</li> </ul>
Formalized identification of final Corporate documents (policies, contracts, etc.)	Improved user experience and adoption of portal as system of record
Document version control & tracking	Improved document auditability and traceability
<ul style="list-style-type: none"> <li>Information transparency</li> <li>Improved Information sharing, collaboration and traceability</li> </ul>	Compliance with VDOT Audit Action Plan

# InsideVDOT vs. SharePoint 2010

## InsideVDOT Model Home



### Corporate intranet site/portal

- Houses critical information that sources other VDOT systems
- Is the key piece of Infrastructure for future capability
- Can grow and change to accommodate residency needs (in line with the plan and through governance)

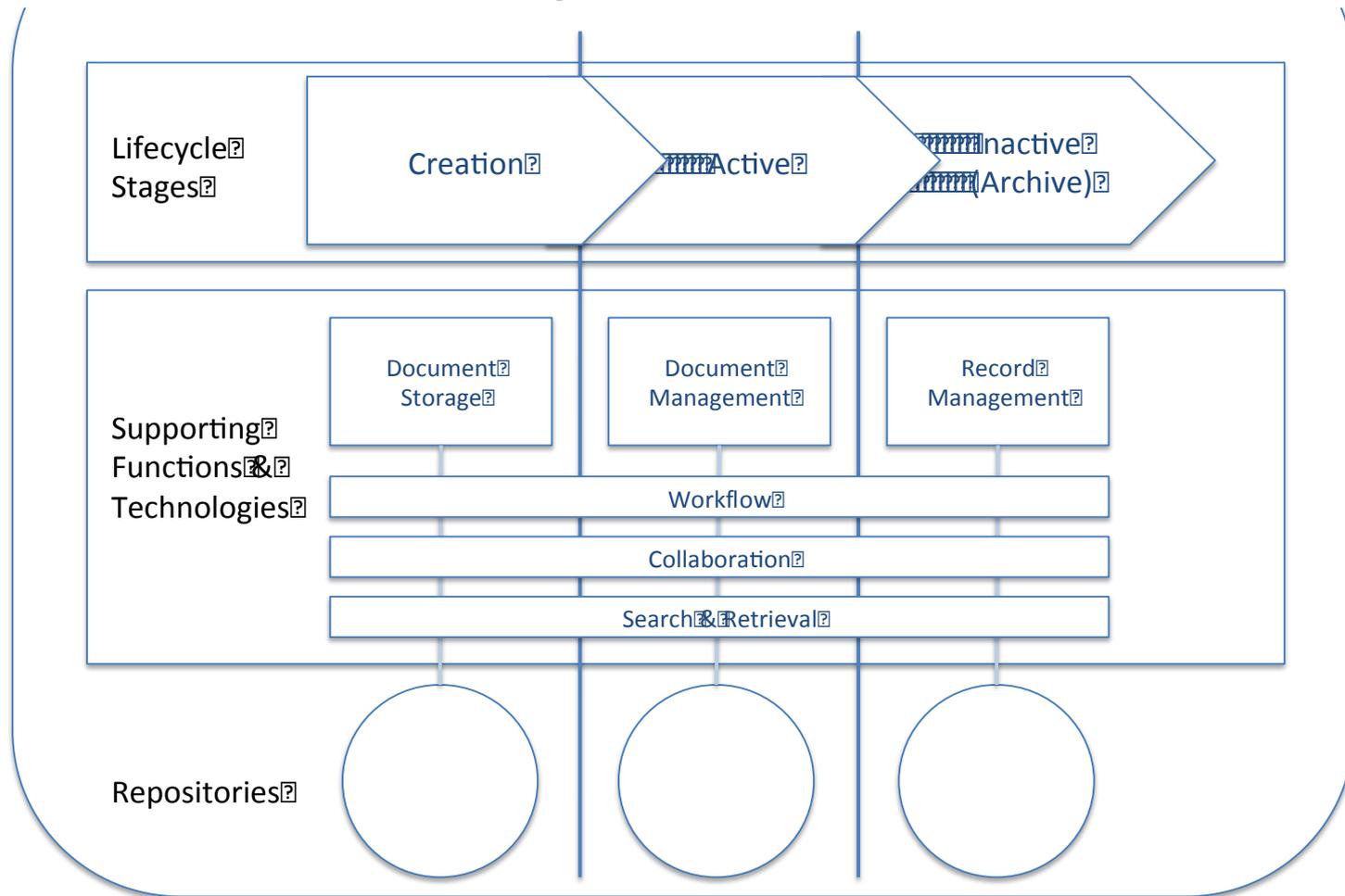
## SharePoint 2010 Planned Community



### Development platform

- Has a plan/strategy
- Governed to protect the vision and the assets within the community
- Grows to accommodate community (Agency) needs once the community is established

# Architecture That Supports The Document Lifecycle



# InsideVDOT– Release Strategy

## Release 1

- InsideVDOT platform upgrade & re-architecture
- Governance
- Content Migration

10/1-  
12/15/11  
Rollout

## Release 2

- External (user specific-contractors and agencies) access to InsideVDOT

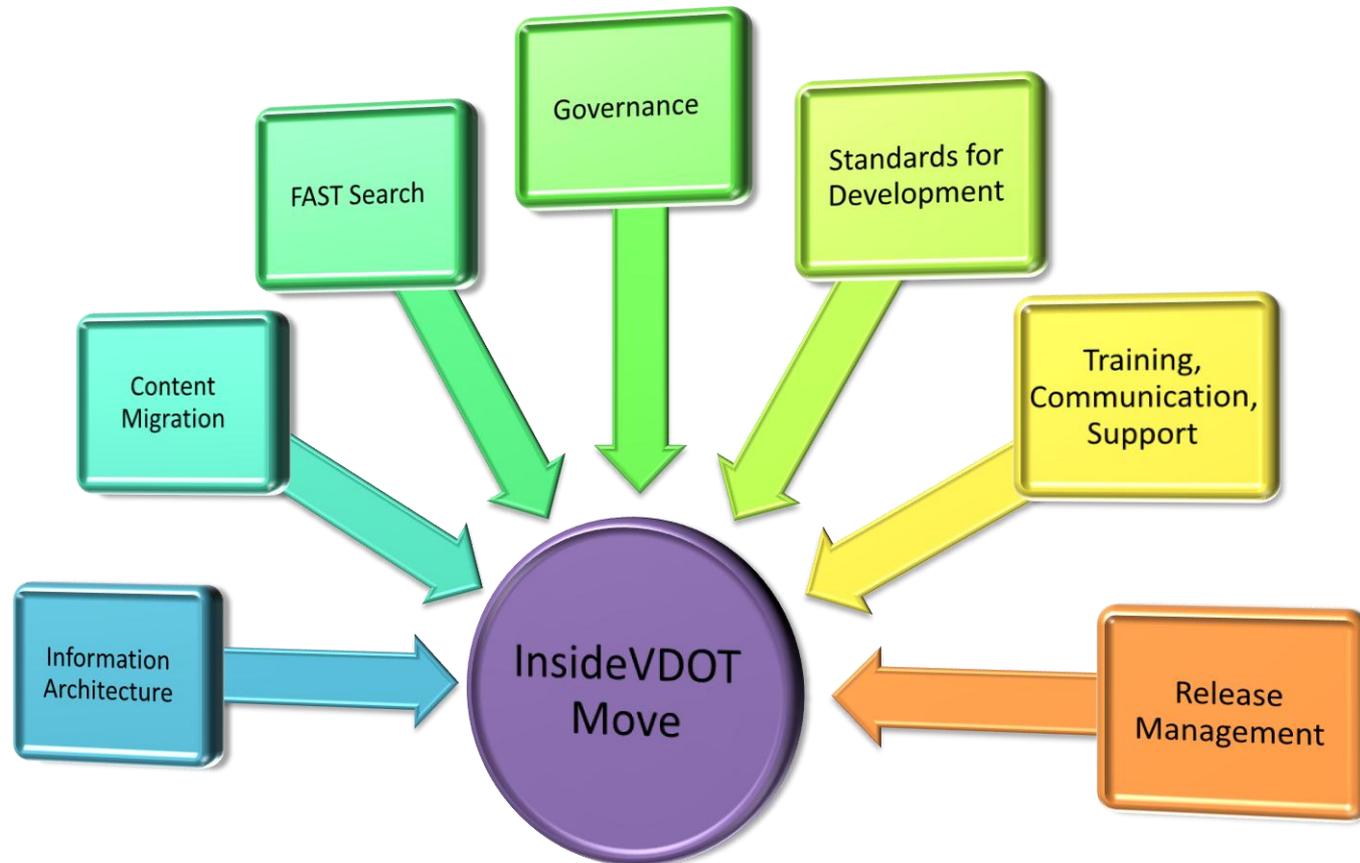
1/31/12  
Completion

## Release 3

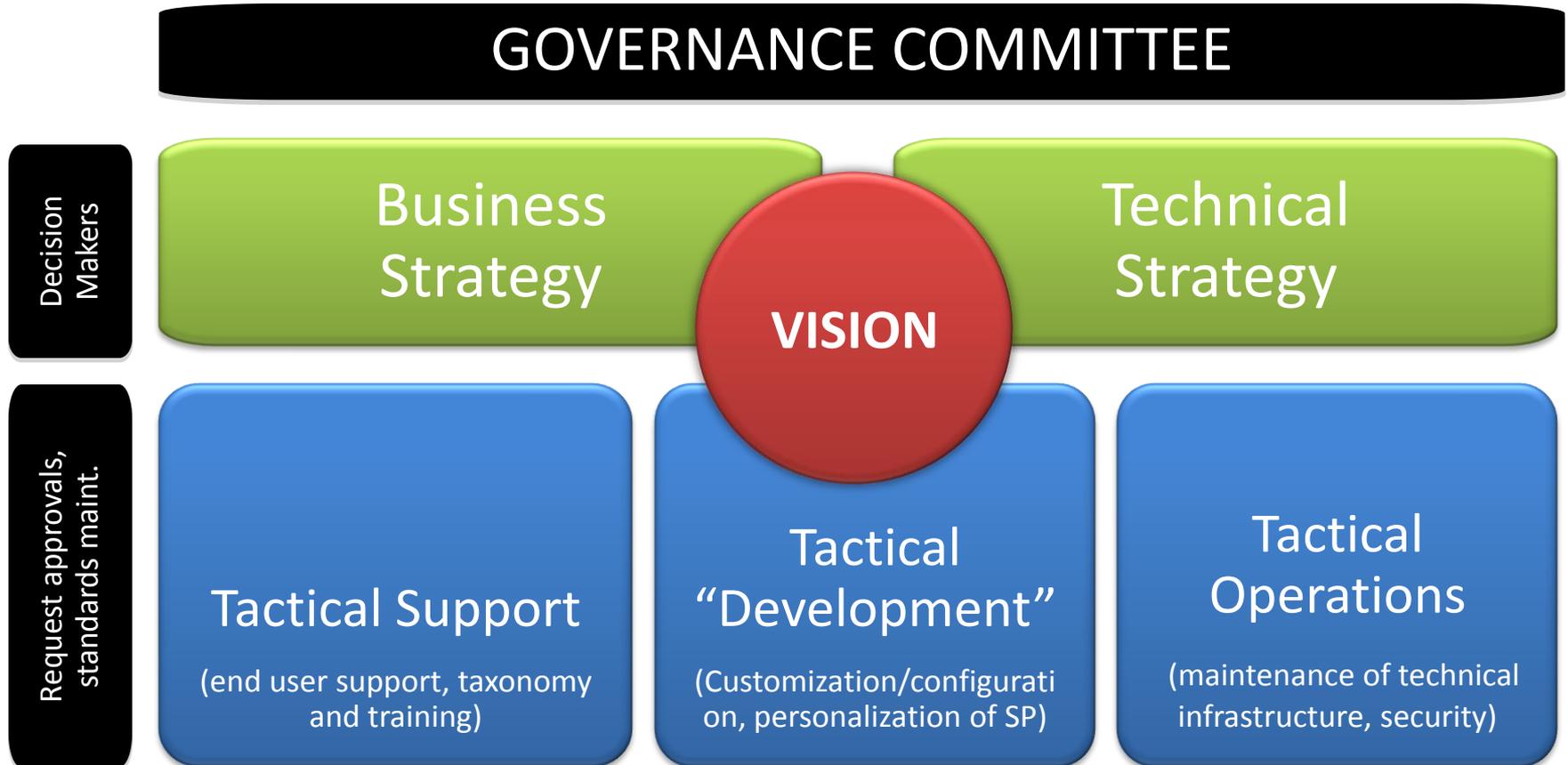
- “Records” Management
- SharePoint and business process infrastructure to support Tools & Records Repositories

2/17/12  
Completion

# InsideVDOT – R1 Project Scope



# Governance Committee

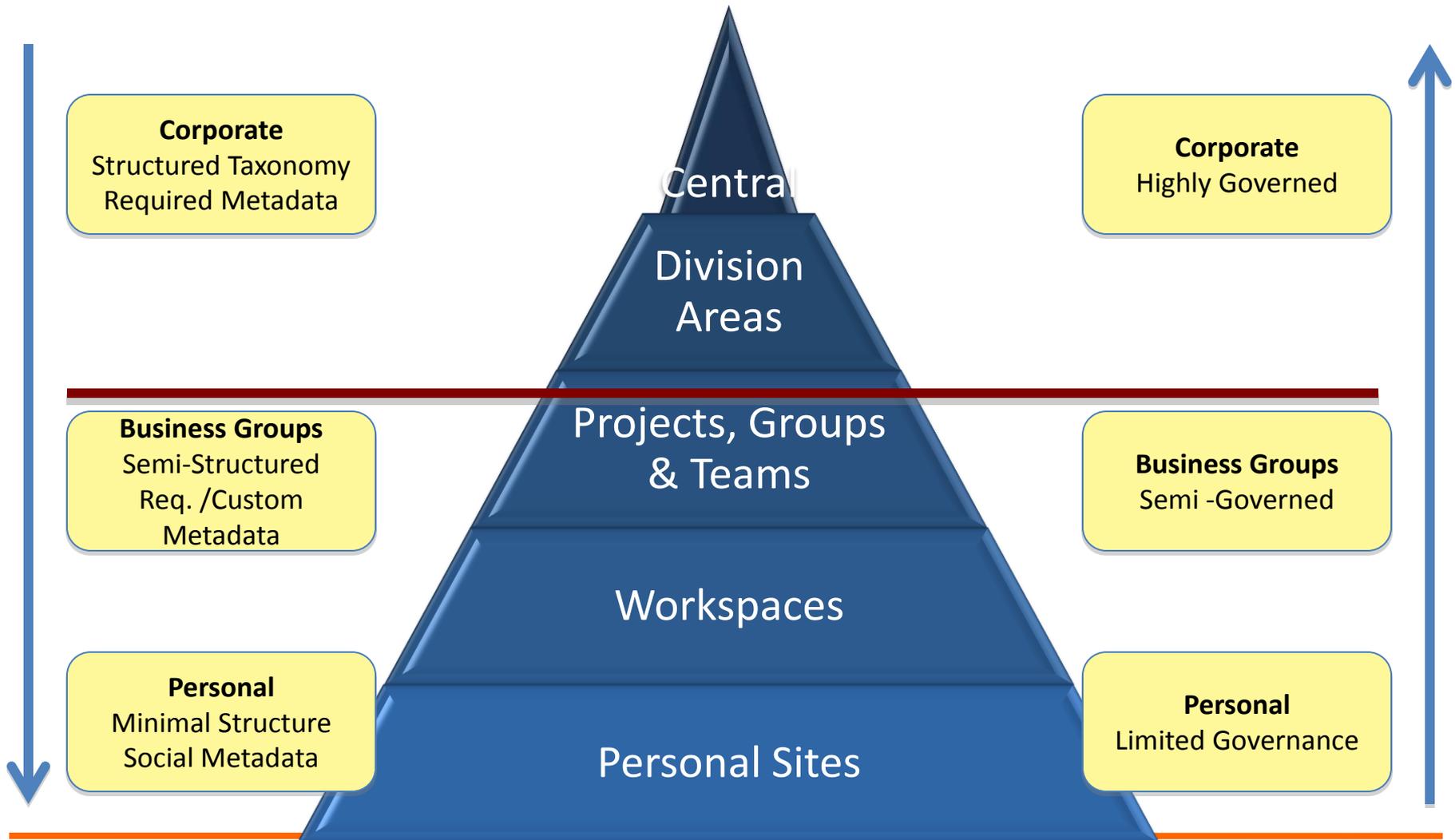


# Why Governance?



- ID's lines of ownership for *both* business and technical teams
- Defines who is responsible for what areas of the system
- Establishes rules for appropriate usage of the SharePoint environments
- Control against risks associated with Knowledge Management processes
- Protects and maintains the vision for InsideVDOT

# Governance Pyramid



# A Look Ahead for SharePoint at VDOT

- Construction advertisement and award workflow
- Construction contract and project management workflow
- Maintenance funding and services workflow