

# Top 10 Mistakes

Common mistakes that can negatively impact the adoption and perception of the SharePoint platform



**Kyle R Wilson**  
**krw@tcsc.com**

**March 09, 2010**

# The Computer Solution Company



- Founded in 1981
- Based in Richmond, VA
- Consulting Services and Software Product Development
- Consulting Services has been specializing in SharePoint services for over six years (since v1)
- Consistently recognized for quality of technical services
  - Microsoft Worldwide Partner Conference Technology Innovation Award Finalist
  - Microsoft Mid-Atlantic Teamwork Award
  - Microsoft Mid-Atlantic Loyalty Award
  - Infineon Technologies' Technology Innovation Award

**Providing Microsoft-centric consulting, application development and work management solutions.**

**TCSC**

Business Solutions with Proven Technology

# Summary Agenda

- Top 10 Mistakes
- PowerShell & SharePoint
- Break
- Office 2010 & SharePoint 2010 Integration
- Questions



# So What Are They?

- Single Site Collection
- Overweight Site Collections
- Single Content DB
- Not checking custom code for dispose issues
- Thinking Too Small
- Under Estimating End Users
- Forcing SharePoint Solutions when they are not appropriate
- Lack of Database Maintenance Plan
- Lack of Tested DR procedures
- Lack of Unified Navigation options/menus
- No lifecycle to site content so old sites are left orphaned and taking space
- No Steering committee with executive and business user participation to guide the deployment, growth, and expansion
- Lack of follow up mentoring and training beyond initial deployment
- Trying to do everything and deploy every feature at once when initially deploying
- Never revisiting SharePoint users to take them to the 201, 301 & etc.. levels
- Trying to use SharePoint for an application better suited for a relational (SQL Server) store
- Managing their security and leveraging a balance of AD & SharePoint groups
- More and more and more



## Are there really just 10?

# Single (Overweight) Site Collection(s)

- Initially setup that way
- Unmonitored growth
- Mixture of Public and Private data
- Permissions Management headache
- Site collections should be limited to 15 GB
  - Backup/restore issues
  - Upgrade issues
- Lack of Unified Navigation options/menus
- Version trimming – how many do you really need?



# Single Content DB

- Size should be limited to 100 GB
  - Raise flag when it get to 50 GB
  - Have a plan and get started at 75 GB
- Having multiple content db's reduces the impact to the overall environment if something were to be deleted/fails.
- Multiple site collections in a single content DB
  - Fine for My Sites, projects, groups
  - Not so fine for departmental sites



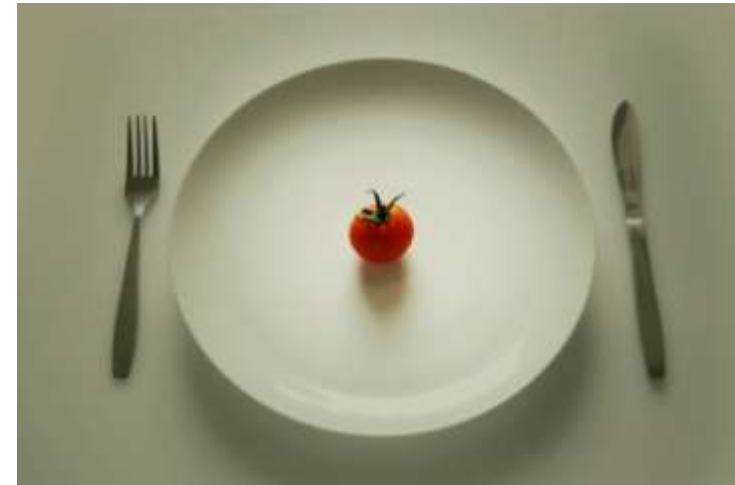
# Custom Development

- Not checking custom code for dispose issues
  - Similar to a memory leak.
- Forcing SharePoint Solutions when they are not appropriate
  - Out of the box solutions
  - Solutions utilizing SharePoint Designer
    - Workflows
    - Data view web parts
    - Forms



# Thinking Too Small

- Only intranet replacement
- Only collaboration
- Process automation
- Full featured solutions
  - HR Onboarding
  - Training/Qualification Management
  - Social Networking in the workplace



# Training

- Lack of follow up mentoring and training beyond initial deployment
- Never revisiting SharePoint users to take them to the 201, 301 & etc.. Levels
- Under Estimating End Users



# Who's Doing Maintenance?



# Lack of Database Maintenance Plan



- OOTB settings
  - Auto Grow
  - How Much
- Run away transaction logs
- Monitoring
  - Size
  - Performance



# Lack of Tested DR procedures

- Disaster Recovery vs. data recovery
- Too late when you need it
- Repeat testing
  - Version changes
  - Hardware changes
  - Periodic (annually?)



# Governance

- No lifecycle to site content so old sites are left orphaned and taking space
  - Site confirmation and deletion
- No Steering committee with executive and business user participation to guide the deployment, growth, and expansion



# Trying To Deploy Everything At Once

- Culture change
- To many changes to absorb or do well at.
- Training effectiveness
- Plan, Do, Check, Act



# Choosing the Right Tool

- Trying to use SharePoint for an application better suited for a relational (SQL Server) store
- SharePoint is a platform
- Content databases are not relational
- Use SharePoint as the UI.
- SharePoint may not be a preformat.



# Managing Permissions

- Managing security and leveraging a balance of AD & SharePoint groups
- Keep these permission at as high a level as possible (site collection vs. site, site vs. list/library, etc.)



A vibrant blue sky filled with scattered white clouds. A bright sun is positioned in the lower right quadrant, creating a strong lens flare effect with multiple rays of light extending across the sky. The overall scene is bright and clear, suggesting a sunny day.

**The Good  
News Is..**

# The Good News Is..

- All of these issues CAN be resolved.
- Some you can tackle.
- Some you may need help from others.
- We can assist you in resolving any or all of these issues.

