

## Part 1 – Performance Focus: Indexing

- Primary Items – New Installation
- New Systems – Setup Options
- After you run setup (2005)...
- After you run setup (2008)...
- Approaches to Security Lockdown
- Key Areas for Review
- Firewalls, Access Protection
- OS-Level Checks
- Locate existing systems
- Data Access Controls
- Technology issues
- Server-Specific

## Part 2 – SQL Injection and Hack Protection

- Injection – What is it?
- Types of Injection
- Automated Shotgun Injection
- Automated Shotgun Injection
- What it Really Means...
- How Can You Tell What It Says?
- Defenses
- Types of Injection
- Injection Defenses
- Defenses: Filtering Example
- Defenses: Checking Parameters
- Injection Defenses
- Defenses: 500 Errors
- Defenses: Shotgun
- Injection Defenses: Layers
- Injection
- Other online threats

## Part 3 - Access Controls

- User-Level Access Controls
- Internal access
- Check for NULL passwords
- What Is A Strong Password?
- Database Access Roles
- Roles
- Individuals
- Understanding Service Accounts
- Service accounts
- Service Accounts by Instance
- Reviewing Security

## Part 4 - Tools

- Microsoft Baseline Security Analyzer 2.1
- Identify Logins
- Check Security – Who’s DBO?
- Best Practices Tools
- Best Practices Analyzer
- Best Practices Analyzer Targets
- Other Threats

## Part 5 - Putting it To Use

- Broad, Far-Reaching Items
- Server-Specific
- Application-Specific