Two Factor Authentication
Solution for the City of High Point
Two Factor Solutions

- Authenticators for two factor solutions
  - Hard Tokens
  - Soft Tokens
  - Certificates
  - Pin Numbers
  - Passwords
  - Biometrics
  - Smart Cards
RSA Solutions

- RSA Authentication Manager
  - Centralized Management
  - Supports multiple methods of 2 factor authentication
  - Scalable

  Software Authenticators
  Hardware Authenticators
  Authentication Agents
Authenticators

- Token Code generators
- Hybrid Authenticators
- Smart Cards
- Software Token Applications
  - Android, Blackberry, iPhone, iPad, Nokia, Windows Mobile
  - Mac OS X, MS Windows
  - SecurID Toolbar – Integrates with IE
Authentication Agents

- MS Windows
- Sun Java Web Server
- Apache Web Server
- IIS
- PAM – for Unix and Linux systems
- VPNs (Checkpoint/Netmotion)
- Many more network, and appliance based solutions
Our Solution

• We have an RSA Appliance hosting the main database and managing our authentication
• The base purchase included the ability to replicate one copy of our working database to another appliance for Disaster Recovery and High Availability
• This appliance is to be located to our new Disaster Recovery site in the near future.
Step by Step
Appendix
Remote/Mobile Connections

• We have used Checkpoint Secureclient, Checkpoint Endpoint Connector, and Netmotion to provide mobile connections to our network using RSA SecurID tokens to provide two factor authentication when accessing sensitive servers on our network.

• With the potential to move our applications to a Citrix deployment, the same authentication can be used to provide access to the future Citrix environment.