

## Virtualization



Virtualization is revolutionizing the way companies use technology, allowing them to save money while accomplishing more. Gotham is at the forefront of this rapidly growing segment of the industry.

For companies with costly management and overburdened resources due to:

- Daily management and operation of servers
- Hardware procurement challenges and user expectations
- Delivering on demanding SLAs to their business users
- Space constrictions and environmental considerations

The solution is to:

- Leverage more of the existing server hardware
- Enhance control of systems' computing and I/O resources
- Balance virtual server resources in terms of more effectively utilizing CPU cycles, memory, and I/O

The benefits include:

- Cost savings - doing more with fewer resources
- Shortened project implementation life cycles
- Ability to deploy robust development environments
- More secure access to applications and data

## Offerings

- Virtualization planning and readiness
- Server consolidation
- Storage virtualization
- Desktop virtualization (VDI)
- Virtualization infrastructure
- Application virtualization

## Certifications

- Citrix Certified Enterprise Administrator (CCEA)
- Citrix XenServer Administrator
- Citrix Certified Instructor (CCI)
- Citrix Certified Administrator (CCA)
- VMware Certified Professional



"I can call Gotham any time and say, 'make it work,' and I know they will."

Guy Nelson,  
IT Director  
Brentwood Union  
Free School District

- AppSense
- Atlantis
- Cirba
- Citrix
- Cortado
- Dell Software
- Dell Wyse
- eG Innovations
- Embotics
- EMC
- ExtraHop
- Flexera
- Lakeside
- LoginVSI
- Microsoft
- NetApp
- Nvidia
- RES Software
- Symantec
- Tricerat
- Uniprint
- Veeam
- VMware

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# Case Study: Virtualization

## Client Profile

- Largest independent accounting firm in the Northeast
- One of the Top 20 accounting and consulting firms in the United States
- Provides audit, tax, accounting services to private and public middle-market companies, individuals, and not-for-profit groups

**Solution Areas:** Access, Consolidation, Security

## Business Situation

- Rapid business growth had outpaced that of a non-scalable multi-user environment
- Required the ability to scale out application access strategy, while maintaining a high-level of security and providing a smooth and seamless transition to their end users
- Wanted to maintain as few physical servers as possible and still implement the most cost-effective solution

## Solution

After an extensive systems and requirements analysis, Gotham designed a new infrastructure incorporating:

- Citrix XenApp 5.0 Platinum, Citrix XenServer 5.0, and Provisioning Server as back-end mechanisms for virtual machines
- Citrix Application Streaming to provision applications
- Pair of Citrix Access Gateway Enterprise units to provide secure remote access

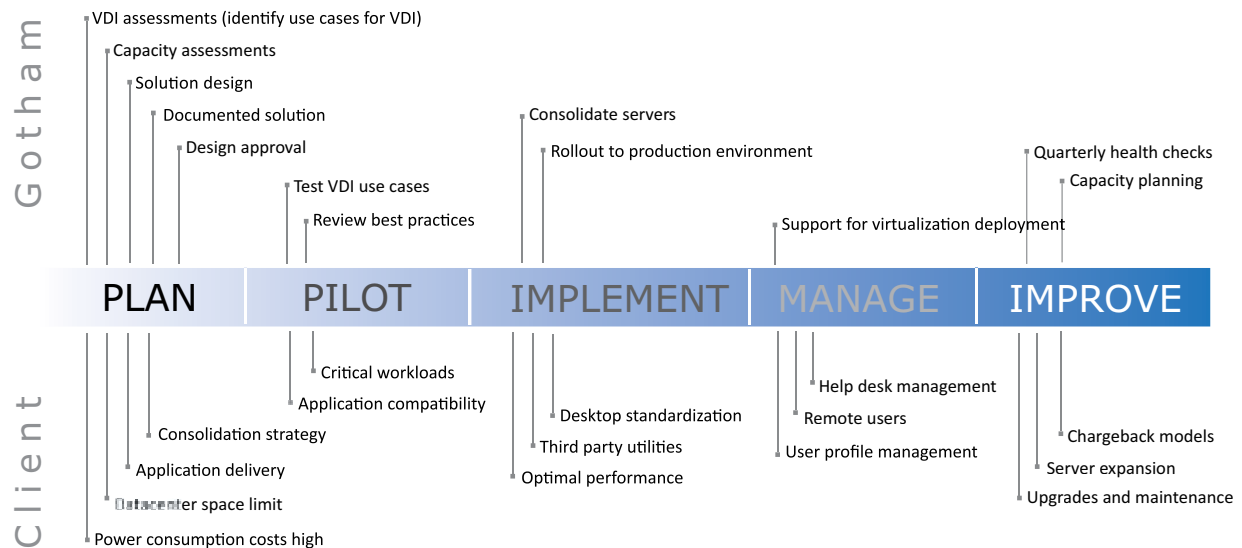
**Key Technologies:** Citrix, Microsoft, HP

## Key Benefits

- Increased security
- Improved remote access
- Increased efficiency
- Reduced maintenance
- Reduced costs
- Improved performance and scalability
- Robust environment allowing for growth

## Why Gotham

- Gotham's high level of expertise and top-level partnerships and relationships
- Knowledge of platform inter-dependencies and breadth of skills needed to redesign the access solution
- Knowledge of new technology and tools, enabling us to provide creative solutions to difficult challenges
- Extremely dedicated staff and significant experience with similar scopes and projects



## Implementation Model