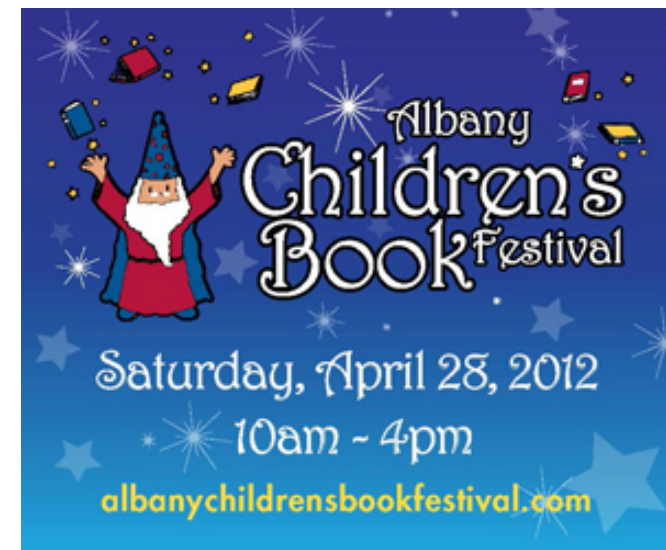


# ColonieSpotlight.com

## Datcenter saves money and the planet

Votes 0



### Events Calendar



Alyssa Jung

By **Alyssa Jung**

As of Tuesday, April 24, 2012 -3:27 p.m.

★ Sign in to favorite this

Discuss  
Comment, Blog about

Share this  
Email, Facebook, Twitter

CAPITAL DISTRICT — Latham-based TurnKey Internet recently unveiled a new state-of-the-art facility that makes the company one of the most energy-efficient datacenters in the nation.

The 12,000-square-foot facility on Old Loudon Road used to be a U.S. Post Office but now it's filled with offices and a huge room that holds the first of five cold containment pods that hosts the company's network of about 12,000 servers.

"That adds up to the equivalent of 100 different neighborhood of homes tied together with electricity," said Adam Wills, TurnKey Internet CEO.

The long and narrow pod is air conditioned while the room beyond its sliding glass doors is warm. That temperature discrepancy helps TurnKey run the servers in the most energy efficient way.

"We have specialized air conditioners called precision cooling systems. They know how to send air conditioning to the right spot on the computer equipment at the most efficient level," said Wills.

TurnKey differs from other datacenters because instead of creating cold containment pods, most cool an entire room, not just a batch of servers.

"We only cool what we need," said Wills.

Wills said TurnKey uses about 33 percent less energy than other

| Su | Mo | Tu | We | Th | Fr | Sa |
|----|----|----|----|----|----|----|
| 1  | 2  | 3  | 4  | 5  | 6  | 7  |
| 8  | 9  | 10 | 11 | 12 | 13 | 14 |
| 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| 29 | 30 | 1  | 2  | 3  | 4  | 5  |

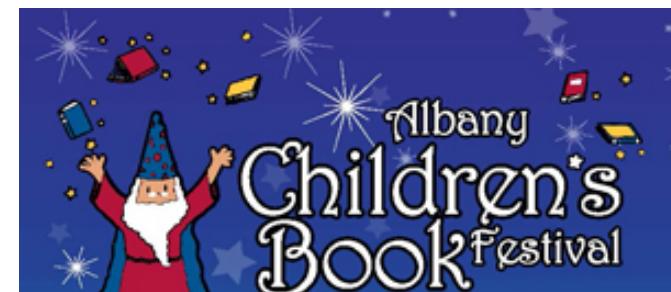
### Editors @ Twitter



**JohnP\_Spotlight** Finally used all those spreadsheet skills I learned in high school. Download the PDF file linked in the story:  
<http://t.co/VWXOuDhE> about 5 hours ago



**JohnP\_Spotlight** FYI #Niskayuna - the "Looking Back" meeting tonight at Town Hall has been cancelled.  
about 5 hours ago





Alyssa Jung

similar datacenters, like Tech Valley Communications.

The company is basically a cloud. About 100 companies across the country hire TurnKey to host their servers, thereby eliminating the need for computers and saving money and the environment.

“It adds up to tremendous amounts of benefits to the environment compared to traditionally running computers in your office,” said Wills.

Wills pointed to a business in Missouri as an example. The company ditched 30 computers by signing on with TurnKey and in turn, saved 80,000 kilowatt hours per year, or \$12,000. The carbon footprint

reduction is the equivalent of 7.7 million less miles driven.

Instead of hooking up computers, companies using TurnKey have their employees use iPads, smartphones, or a simple monitor connected to the internet. The same software and applications run on computers are still available.

Prev

Next

## More like this story

[S.Col is a 'star' energy saver](#)

[Spectrum 8 makes sustainability strides](#)

[It's no rumor ... Rumors is moving](#)

[Mahan reveals the 'state of the town'](#)

[Turning waste to windfall](#)

## Comments

Use the comment form below to begin a discussion about this content.

## Sign in to comment

Username

Or login with:



I have an account.

I'm new.

**Password** [Forgot?](#)

Sign in

Connect to Facebook

Connect to Twitter

Google

OpenID

**Bethlehem Restaurant Week**  
**May 14th-20th, 2012**  
*Click here for participating Restaurants and Menus*  
**3-Course Dinner Only \$20.12 per person**



Sponsored By The  
**Bethlehem**  
**Chamber of Commerce**  
 Your Business • Your Chamber



Test-drive our new look  
 with the same great  
 local content.

Send us your feedback 

- Sections** Today, Sports, Arts & Entertainment, Politics, Home & Garden, Crime, Education, Business
- Events** Today's events, Submit an event
- Media** Photos, Galleries, Videos, Audio, Documents, Podcasts
- About Us** About Us, Contact, Advertise with us, Commercial printing, Subscriptions, Twitter, Facebook

Contents of this site are © Copyright 2012 Colonie Spotlight. All rights reserved. Ph. 518.439.4940

Views expressed in letters, guest editorials, user blogs, and user comments are not necessarily the views of the paper, its staff or the company.

For the best browsing experience, we recommend the latest versions of [Microsoft Internet Explorer](#), [Mozilla Firefox](#), [Apple Safari](#), or [Google Chrome](#).

