

**From:** Ann Rodriquez <[REDACTED]>  
**To:** "jeffrey E." <jeevacation@gmail.com>  
**Subject:** Fwd: fiber project  
**Date:** Thu, 10 Dec 2015 15:27:07 +0000

---

Ann R.

Begin forwarded message:

**From:** Ann Rodriquez <[REDACTED]>  
**Date:** December 10, 2015 at 11:26:24 AM AST  
**To:** Hector Cintron <[REDACTED]>  
**Cc:** Cecile de Jongh <[REDACTED]>, Jermaine Ruan <[REDACTED]>, Omar Welch <[REDACTED]>, "[REDACTED]" <[REDACTED]>  
**Subject:** Re: fiber project

Hi everyone,

The Internet is down on LSJ. Please advise or assist?

Ann R.

On Dec 9, 2015, at 3:24 PM, Hector Cintron <[REDACTED]> wrote:

Hi Everyone.

Does anyone have a copy of the final Data Path Sheet Coordination file (PCN - Dragonwave License File)? I was speaking with Allan and we only have the draft version before the name got changed from Choice and Terrence took over. I want to verify that the Dragonwave id configured correctly based on the final coordination.

Hector.

---

**From:** Cecile de Jongh [mailto:[REDACTED]]  
**Sent:** Tuesday, December 08, 2015 17:44  
**To:** Hector Cintron  
**Cc:** Jermaine Ruan; Omar Welch; [REDACTED]; [REDACTED]  
**Subject:** Re: fiber project

*Email received from outside of the ATN domain. Use caution before using links/attachments.*  
Hector,

Would you like us to order the cable that VINGN needs? Perhaps we can get it faster.

On Dec 8, 2015, at 5:11 PM, Hector Cintron <[REDACTED]> wrote:

Good Afternoon Cecile,

Thursday or Friday is fine, no rush. I believe the two main issues that were affecting the service was the network loop (this is fixed) and the outages when it rains is the bug on the Dragonwave (pending fixing). Right now as long as it doesn't rain the radio will stay up and service should be alot more stable.

---

**From:** Cecile de Jongh [mailto:[REDACTED]]  
**Sent:** Monday, December 07, 2015 21:12  
**To:** Hector Cintron  
**Cc:** Jermaine Ruan; Omar Welch; [REDACTED]; [REDACTED]  
**Subject:** Re: fiber project

*Email received from outside of the ATN domain. Use caution before using links/attachments.*  
Good evening Hector,

Jermaine will be out of the office for a few days. Perhaps we can schedule the non priority items on Thursday. I see that you are still waiting for the cable that VINGN needs to do the crossover so that answers my question about whether they will be going to the Cabrita site tomorrow.

I'll let Anna answer you re the service the last few days since she is in a better position to tell the difference.

Thank you for the update and report.

Cecile

On Dec 7, 2015, at 8:38 PM, Hector Cintron <[REDACTED]> wrote:

Hi Everyone.

Attached is a preliminary detail report, beside the 2 drops (Sun and Today due to the rain) how is the service after the changes?

Pending Items NON priority:

- Move both rockus radios from the netgear to the Cisco 3560 (by installing PoE power supply)
- Interconnect Choice 3650 and LSJ 3560 at the gym (this is to be able to have connectivity to the AP that covers 5 Palms)

Pending Items Priority

- ViNGN connectivity (awaiting cable for cross connect)

Jermaine, Let me know when we can schedule the non priority items, no rush

BOM						
QTY	part	desc	Installed	Location	arrived	Responsibility
1	CISCO2921/K9	Cisco Router		Data Room	Installed	Choice
1	GLC-BX-D	VINGN Simplex Single Mode Module	In the cisco router	Data Room	Installed	LSJ
1		VINGN Simplex Cable 35' ST to LC	Between Cisco Router and Patch Panel (coming from STT)	Data Room	Installed	LSJ
1	HWIC-1GE-SFP	WIC Card for SFP	Cisco Router	Data Room	Installed	LSJ
1		MM Duplex fiber cable 6' SC to LC	Between Cisco Router and Patch Panel	Data Room	Installed	LSJ
1	GLC-SX-MM	MM Fiber Module	Cisco Router	Data Room	Installed	Choice
1	GLC-SX-MM	MM Fiber Module	Cisco 3560	Building - Gym	Installed	Choice
1		MM Duplex fiber cable 6' SC to LC	Between Cisco 3560 and patch Panel	Building - Gym	Installed	LSJ
4		rackmount screws	for Cisco 3560	Building - Gym	Installed	LSJ
1	3560G-24	Cisco 3560		Building - Gym	Installed	Choice
1	3560G-24	Cisco 3560		Outside Cabinet	Installed	Choice
4		rackmount screws	for Cisco 3560 Could use existing from netgear	Outside Cabinet	Installed	LSJ
1		Simplex fiber cable	for cross connect at Vesuup	Pole	Due in Thursday	Choice

Other Pending Items/Work

Cross Connect		STT Beach	After Cable arrival	VINGN
Router Config Info			X	LSJ
Dragonwave Warrantee Info				??
Dragonwave Survey	Includes Signal, Firmware, Hardware, Monitoring, Grounding			Choice

**From:** Hector Cintron

**Sent:** Friday, December 04, 2015 18:00

**To:** 'Jermaine Ruan'; Omar Welch;

**Cc:** ;

**Subject:** RE: fiber project

Hi Everyone:

I'll send a full detail report in a few days. So far here is a brief description.

- The Ruckus AP that is setup to cover the southside of the island that is installed on the tower where the Dragonwave is not working.
- There was a network loop between the dragonwave and the netgear causing packet drops and unstable network. \*\* Fixed
- Install two switches (Outside shelter, Gym) to be able to monitor both the Dragonwave and Ruckus bridge
- Took out the apple router that was working as DHCP and NAT.
- Brought the Cisco 2921 router online. Now this is the main DHCP and NAT router
- Installed the fiber cable and module for the VINGN connection. This was installed in Port 5 on the fiber cable that goes to Vessum
- I re-enable the dragonwave management ports so I can verify the configuration
- I changed the password of both radios (the default password was configured Jermaine I'll get you the new password so you can file them)
- I added some of basic monitoring. For the dragonwave (I would be able to add full monitoring until I reconfigure the units)
- I added monitoring to the cisco router and the switch in the shelter

We did some testing before we left with youtube and AppleTV and all were working without buffering.

The Dragonwave will have to be taken offline once the VINGN circuit goes online. The software on the unit is old and it has some bugs that wil cause issues once the units are up for about 1-2 months. The connection will drop until the unit is rebooted.

Another bug is this error:

Notice:Dec 01 21:55:01 C1N14DGM0075 alarm[544789-1]: Critical: Crypto configuration mismatch peer Alarm cleared

Notice:Dec 01 21:55:01 C1N14DGM0075 alarm[544789-1]: Critical: Crypto configuration mismatch peer Alarm raised

cid:image001.png@01D131B8.5FE79110

Will send the rest of the info in the detail report

---

**From:** Jermaine Ruan [mailto: ]  
**Sent:** Friday, December 04, 2015 13:30  
**To:** Omar Welch; ; Hector Cintron  
**Cc:** ;  
**Subject:** Fwd: fiber project

Email received from outside of the ATN domain. Use caution before using links/attachments.

Good day all,

Hector was able to complete the following:

- clear up the network loop that was causing bottle in data follow
- install the switches to monitor the dragonwaves
- physical setup for the new router for vingn

To be done:

- vingn to do the physical crossover at stt
- create the tier login id's for dragonwaves
- setup for remote monitoring for island

Regards  
Jruan

Sent from my iPhone

Begin forwarded message:

**From:** Hector Cintron < >  
**Date:** December 3, 2015 at 7:19:30 PM AST  
**To:** Jermaine Ruan < >  
**Cc:** Omar Welch < >, Cecile de Jongh < >, Alyster Edwards < >  
**Subject:** RE: fiber project

When I left the office I asked Allan and I didn't see the cables, he will be looking into it.

Also just an FYI I logged in the dragonwave to gather some information and I noticed that both Ethernet ports (data and management) on the LSJ side are plugged in to the switch creating a network loop . What I did was shutdown the management port on outside. This will help some but will be fixed tomorrow. I would not be surprised that accessing the internet is smoother now due to lowering of the packet drops and max times

Pings before shutting down the port

Success rate is 98 percent (9876/10000), round-trip min/avg/max = 1/4/128 ms

After

Success rate is 99 percent (9999/10000), round-trip min/avg/max = 1/4/44 ms

---

**From:** Jermaine Ruan [mailto: ]  
**Sent:** Thursday, December 03, 2015 17:21  
**To:** Hector Cintron  
**Cc:** Omar Welch; Cecile de Jongh; Alyster Edwards  
**Subject:** Re: fiber project

Email received from outside of the ATN domain. Use caution before using links/attachments.

Hi Hector  
Terrence stated that the login for dragonwaves are set to factory default .

Regards  
Jruan

Sent from my iPhone

On Dec 3, 2015, at 3:52 PM, Hector Cintron < > wrote:

Hi Jermaine,

I just spoke with omar and the cable hasn't arrived, what we can do is this, I'll split the work on two trips, I'll go tomorrow weather permitting (it's supposed to be sunny) regardless if the VINGN circuit is ready and I'll do the installation. I'll bring up the router and install the 2 switches to be able to monitor the dragonwave and I'll leave the deep inspection and testing for the second trip once VINGN is up.

There will be a downtime of between 1 to 2 hours as I make the changes. If this is acceptable I'm a GO for tomorrow. What I'll need after the switch installation is the logins for the dragonwave so once this is done I can start with the verification of the link (no changes will be made).

On the second trip I'll go to the island with Alyster takedown the dragonwave to do the following:

EFTA00631114

- Test VINGN circuit
- Test VINGN failover
- Verify all grounding
- Verify all connectors weatherproofing
- Verify Lightning arrestors
- Check all cables and replace cables if needed
- Upgrade firmware on DW if needed
- Make configuration changes to the DW if needed

Let me know if this is acceptable.

**From:** Jermaine [mailto: ]  
**Sent:** Wednesday, December 02, 2015 16:31  
**To:** Omar Welch  
**Cc:** 'Cecile de Jongh'; Alyster Edwards; Hector Cintron  
**Subject:** RE: fiber project

Email received from outside of the ATN domain. Use caution before using links/attachments.

Good Evening Omar ,

I am following up to verify that VINGN is on target for tomorrow and Choice for Friday.

Regards  
Jruan

---

**From:** Hector Cintron [mailto: ]  
**Sent:** Monday, November 30, 2015 5:11 PM  
**To:** Jermaine Ruan  
**Cc:** Cecile de Jongh; Omar Welch; Alyster Edwards  
**Subject:** RE: fiber project

Perfect, you got everything. The PDF only had the fiber from Power and Tel and not the items from curvature, so I just wanted to make sure.

Thanks

---

**From:** Jermaine Ruan [mailto: ]  
**Sent:** Monday, November 30, 2015 17:03  
**To:** Hector Cintron  
**Cc:** Cecile de Jongh; Omar Welch; Alyster Edwards  
**Subject:** Re: fiber project

Email received from outside of the ATN domain. Use caution before using links/attachments.

Good day Hector

I have 2 simplex and 3 duplex cables from power and tel. I have 1 hwic module and 1 glc connector.

<image003.jpg>  
Sent from my iPhone

On Nov 30, 2015, at 4:31 PM, Hector Cintron < > wrote:

Those are the fiber cable from power and tel, was an order placed for the culvature items?

Bellow I highlighted the items:  
Green are the items from Power and Tel that arrived  
Yellow are the items from Culvature that I do not see listed on the PDF

---

**From:** Jermaine [mailto: ]  
**Sent:** Monday, November 30, 2015 16:24  
**To:** Hector Cintron; 'Cecile de Jongh'  
**Cc:** Omar Welch; Alyster Edwards  
**Subject:** RE: fiber project

Email received from outside of the ATN domain. Use caution before using links/attachments.

Please see attached

---

**From:** Hector Cintron [mailto: ]  
**Sent:** Monday, November 30, 2015 12:54 PM  
**To:** Cecile de Jongh  
**Cc:** Omar Welch; Jermaine; Alyster Edwards  
**Subject:** RE: fiber project

Jermaine,

Can you send me a list of all the items that you received? I want to make sure we have everything. I just created a BOM to keep track of what is needed and I'm sure I'll adding to the work/pending list

BOM						
QTY	part	desc	Installed	Location	arrived	Responsibility
1	CISCO2921/K9	Cisco Router		Data Room	Installed	Choice
1	GLC-BX-D	VINGN Simplex Single Mode Module	In the cisco router	Data Room		LSJ
1		VINGN Simplex Cable 35' ST to LC	Between Cisco Router and Patch Panel (coming from STT)	Data Room		LSJ
1	HWIC-1GE-SFP	WIC Card for SFP	Cisco Router	Data Room		LSJ
1		MM Duplex fiber cable 6' SC to LC	Between Cisco Router and Patch Panel	Data Room		LSJ
1	GLC-SX-MM	MM Fiber Module	Cisco Router	Data Room	x	Choice
1	GLC-SX-MM	MM Fiber Module	Cisco 3560	Building - Gym	x	Choice
1		MM Duplex fiber cable 6' SC to LC	Between Cisco 3560 and patch Panel	Building - Gym		LSJ
4		rackmount screws	for Cisco 3560	Building - Gym		LSJ
1	3560G-24	Cisco 3560		Building - Gym	x	Choice
1	3560G-24	Cisco 3560		Outside Cabinet	x	Choice
4		rackmount screws	for Cisco 3560 Could use existing from netgear	Outside Cabinet		LSJ

Other Pending Items/Work

Cross Connect		STT Beach		VINGN
Router Config Info			X	LSJ
Dragonwave Warrantee Info				??
Dragonwave Survey	Includes Signal, Firmware, Hardware, Monitoring, Grounding			Choice

**From:** Cecile de Jongh [mailto: ]  
**Sent:** Wednesday, November 25, 2015 13:44  
**To:** Hector Cintron  
**Cc:** Omar Welch; Jermaine  
**Subject:** Re: fiber project

Email received from outside of the ATN domain. Use caution before using links/attachments.  
Thank you Hector.

On Nov 25, 2015, at 11:37 AM, Hector Cintron < > wrote:

I can only comment about #3

3 – it should, this way I can do a full integration of the VINGN, Dragonwave backup, test failover.

The plan that I would like to do:

- install VINGN via the new router. Test it and switch the island over this new connection (primary)
- Once this is done I can takedown the Dragonwave connection to add some switches to be able to monitor the link and take over maintenance. Once this is complete
- Reconnect the Dragonwave as secondary link
- Test failover to Secondary (DW).

The above plan has a 1-2 min downtime.

If VINGN is not ready I can still do the install but I need to install the switches needed to monitor the dragonwave there will be a downtime of a few hours as I do the swap but no testing will be done.

Hector.

**From:** Cecile de Jongh [mailto: ]  
**Sent:** Wednesday, November 25, 2015 10:40  
**To:** Hector Cintron  
**Cc:** Omar Welch; Jermaine  
**Subject:** Re: fiber project

Email received from outside of the ATN domain. Use caution before using links/attachments.

Ok.

1. Does this still need to be scheduled with them?
2. If so, do we do that or do you?
3. Does this need to be done before Hector goes to the island or can it be done anytime afterwards?

On Nov 25, 2015, at 10:19 AM, Hector Cintron < > wrote:

The crossover does require a visit to the Pole (the one in St Thomas at the beach) where VINGN connects to the fiber the goes to the Island.

**From:** Cecile de Jongh [mailto: ]  
**Sent:** Wednesday, November 25, 2015 10:17  
**To:** Omar Welch

**Cc:** Jermaine; Hector Cintron  
**Subject:** Re: fiber project

Email received from outside of the ATN domain. Use caution before using links/attachments.

Does this "crossover" require VINGN to visit the site or is it something that is done remotely from their office?

On Nov 25, 2015, at 10:01 AM, Omar Welch <[REDACTED]> wrote:

Hi Cecile

The connection does play a part in the delay until Monday but not the confirmation for today as no confirmation was made for today. We are assisting VINGN to be ready for Monday.

"True leaders fortify themselves with thinkers and innovators, because yes men are only saying yes to self preservation."

On Nov 25, 2015, at 8:13 AM, Cecile de Jongh <[REDACTED]> wrote:

Email received from outside of the ATN domain. Use caution before using links/attachments.

Good morning Omar and Hector,

Has the date switched to Monday due to the fact that VINGN has not done the crossover? If so, why did Hector confirm today? Will VINGN complete the crossover by Monday?

On Nov 25, 2015, at 9:02 AM, Jermaine <[REDACTED]> wrote:

Good day Omar

I am not understanding this. As per my conversation, I stated Monday is too long. I started receiving emails from Hector concerning the installation shortly after. One of my last email was confirming tomorrow.

Jruan

---

**From:** Omar Welch [mailto:[REDACTED]]  
**Sent:** Wednesday, November 25, 2015 8:55 AM  
**To:** Jermaine  
**Cc:** Hector Cintron; Cece de Jongh  
**Subject:** Re: fiber project

Jermaine per my message Hector will not be able to complete installation until Monday please make arrangements for this. Also we are still awaiting confirmation from VINGN on the cross connect.

"True leaders fortify themselves with thinkers and innovators, because yes men are only saying yes to self preservation."

On Nov 24, 2015, at 3:32 PM, Jermaine <[REDACTED]> wrote:

Email received from outside of the ATN domain. Use caution before using links/attachments.

Good Day Hector,

Please be advised, all components are here in the office ready for installation tomorrow. Does VINGN have the crossover in place?

Regards  
Jruan

---

**From:** Hector Cintron [mailto:[REDACTED]]  
**Sent:** Tuesday, November 24, 2015 12:28 PM  
**To:** Jermaine Ruan  
**Cc:** Omar Welch  
**Subject:** RE: fiber project

Hi Jermaine,

Can you send me a list of the items you have for the install? I want to make sure we have everything before I head over there.

Thanks.

---

**From:** Hector Cintron  
**Sent:** Wednesday, November 11, 2015 10:47  
**To:** 'Jermaine Ruan'  
**Cc:** Omar Welch  
**Subject:** RE: fiber project

I cannot give you a date sense it's all based on the following:

- ? VINGN installs the cross connect
- ? whether we order the parts or LSJ order the parts. This was something that Omar was going to speak to (sorry I do not know the name) LSJ Finance.
  - o For VINGN connection (Router Module, Fiber Module, Fiber cable)
  - o Choice connection (switches, fiber cables)

Also just an FYI I'll be going on vacation starting this Friday and I'll be back on Monday 23<sup>rd</sup> so assuming all the above is installed, purchased and delivered by the time I get back it would be sometime the week of the 23<sup>rd</sup>

Hector.

---

**From:** Jermaine Ruan [mailto: ]  
**Sent:** Wednesday, November 11, 2015 09:52  
**To:** Hector Cintron  
**Cc:** Omar Welch  
**Subject:** Re: fiber project

Email received from outside of the ATN domain. Use caution before using links/attachments.

Good morning gentlemen

The principal is requesting a new date for the fiber. Do you have a suggested estimated time of completion?

Regards  
Jruan

Good evening all  
When is the new date for the connection so I can update my superiors

Regards  
Jruan

Sent from my iPhone

On Nov 10, 2015, at 11:25 PM, Hector Cintron < > wrote:

Hi Guys,

I haven't received notifications that the items that we need to finish came in so that would be no.

---

**From:** Omar Welch  
**Sent:** Tuesday, November 10, 2015 19:06  
**To:** Jermaine Ruan; Hector Cintron  
**Subject:** Re: fiber project

Hector?

"True leaders fortify themselves with thinkers and innovators, because yes men are only saying yes to self preservation."

On Nov 10, 2015, at 6:44 PM, Jermaine Ruan < > wrote:

Email received from outside of the ATN domain. Use caution before using links/attachments.  
Good night Omer

Yep, I am trying to line up the runs in the morning

Regards  
Jruan

Sent from my iPhone

On Nov 10, 2015, at 6:19 PM, Omar Welch < > wrote:

To come to the island?

"True leaders fortify themselves with thinkers and innovators, because yes men are only saying yes to self preservation."

On Nov 10, 2015, at 6:10 PM, Jermaine < > wrote:

Email received from outside of the ATN domain. Use caution before using links/attachments.  
Good day omar  
Is hector still on for tomorrow?

Regards  
Jruan

<LSJ Preliminary Report.pdf>