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**From:** Surekha Gangakhedkar [/O=Theranos Organization/OU=FIRST ADMINISTRATIVE GROUP/CN=RECIPIENTS/CN=SUREKHAG]  
**Sent:** 9/3/2013 6:07:39 PM  
**To:** ELISA [/o=theranos organization/ou=exchange administrative group (fydibohf23spdlt)/cn=recipients/cn=elisa73e]  
**Subject:** Shifts and schedules

All,

First, I would like to thank all of you who were here on the long weekend working towards the validation and related efforts.

However, please see Sunny's email below from the weekend. As we had discussed working in shifts on Friday, we need to implement that. What I believe is missing is the late evening/night shift. Sharada is putting together an excel where the 3 primary assays – PSA, TSH and Vit D can add the details of their shift timings, brief experimental plan and the individuals. Apart from these we also have other tasks like the processing and aliquoting of external samples collected on Saturday and Sunday. Nereyda tells me that there are ~ 250 matched EDTA plasma and serum tubes sitting in the CLIA fridge.

Thanks again for your hard work!

Surekha

**From:** Sunny Balwani  
**Sent:** Monday, September 02, 2013 10:57 AM  
**To:** Surekha Gangakhedkar  
**Cc:** Elizabeth Holmes  
**Subject:** FW: Upgraded Devices

Please note that the software team was here till 3:07 am – and is already here now at 10 am – working on this and other matters and will continue to do so for as long as it takes. The Edison devices in the evening were all sitting idle and I also didn't see anyone from cartridge manufacturing in the evening

Do you know how many carts were delivered on Saturday and Sunday to the ELISA team?

Please ask the ELISA team to organize, plan and put in the hours this month to bring up all assays and work around any challenges that come our way.

Thanks.

**From:** Michael Craig

**Sent:** Monday, September 02, 2013 3:07 AM

**To:** Tina Noyes; Jared OLeary; David Philippides

**Cc:** Sunny Balwani; Samartha Anekal; Sandeep Paladugu; Neeraja Kandimalla; Antti Korhonen; Mark LaCore; Surekha Gangakhedkar; Sharada Sivaraman; Elizabeth Holmes

**Subject:** Upgraded Devices

I was able to manually upgrade the following devices with the latest version of the Normandy shell. They now have visual temp indicators in the menu bar: 3 positions: green/middle = in range, the others (low/blue or high/red) are too cool or too hot.

If you encounter any of the following, for the sake of simplicity, please reboot the device. If they persist, please send a support request to me, Samartha, Sandeep, Neeraja, Mark, and Antti (to cover your bases):

1. A temp indicator with a “?”
2. A spinning circle (next to the cloud icon)
3. A cloud icon that is filled white (green means it has connectivity to the cloud services).
- 4.

When you load a cartridge, select a test and press “run”, they will now run an ad-oc temp test and provide an immediate failure if the temp is out of range (with a corresponding message).

Here is the current matrix. I was only unable to access 160, 167, 227, and 240, so please do not use these units until we can further investigate why they were unavailable, and upgrade them:

Device	Personalization Type	Date	Quarantined	Enrolled	Normandy	Screen Power	Start up	Cloud Persistence?	Starts?	Runs Cart?	Version	Verified?	Released?	URL
<u>E0006</u>	CMM	1-Sep	1	1	1				1	0				<a href="http://wsx0001dev/EdisonPersonalizationManagerTesting/publish.htm">http://wsx0001dev/EdisonPersonalizationManagerTesting/publish.htm</a>
<u>E0009</u>	CMM	29-Aug	1	1	1				1		v.16	0	1	
<u>E0007</u>	CMM	30-Aug	1	1	1	1	1	1	1	1	v.16			
<u>E0001</u>	CMM	1-Sep	1	1	1	1	1	1	1	0	v.16			

<u>02</u>		p																		
<u>9</u>																				
<u>E0</u>		30																		
<u>00</u>		-																		
<u>04</u>	CMM	Au	1	1	1	1	1	1	1	1	1	1	1	v.1						
<u>0</u>		g												6						
<u>E0</u>			1	1	1										0					
<u>00</u>		1-																		
<u>06</u>	CMM	Se				1	1	1												
<u>5</u>		p																		
<u>E0</u>		31	1	1	1										0					
<u>00</u>		-																		
<u>08</u>	CMM	Au																		
<u>2</u>		g																		
<u>E0</u>			1	1	1										0					
<u>00</u>		1-																		
<u>09</u>	CMM	Se				1	1	1												
<u>2</u>		p																		
<u>E0</u>		27																		
<u>00</u>		-																		
<u>09</u>	CMM	Au	1	1	1	1	1	1	1	1	1	1	1	v.1			0			1
<u>8</u>		g												6						
<u>E0</u>		27																		
<u>00</u>		-																		
<u>10</u>	CMM	Au	1	1	1	1	1	1	1	1	1	1	1	v.1			0			1
<u>5</u>		g												6						
<u>E0</u>		27																		
<u>00</u>		-																		
<u>12</u>	CMM	Au	1	1	1	1	1	1	1	1	1	1	1	v.1			0			1
<u>8</u>		g												6						
<u>E0</u>			1	1	1										0					
<u>00</u>		1-																		
<u>13</u>	CMM	Se				1	1	1												
<u>0</u>		p																		
<u>E0</u>		29	1	1	1															
<u>00</u>		-																		
<u>13</u>	CMM	Au				1	1	1												
<u>6</u>		g																		
<u>E0</u>		29	1	1	1															
<u>00</u>		-																		
<u>16</u>	CMM	Au																		
<u>0</u>		g																		
<u>E0</u>	CMM	29	1	1	1															

already installed v.16

unavailabl 2-sep 2:50

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<u>00</u>	-											
<u>16</u>	Au											
<u>7</u>	g											
<u>E0</u>	28											1
<u>00</u>	-								v.1			
<u>18</u>	CMM	1	1	1	1	1	1	1	6	0		
<u>1</u>	Au											
<u>g</u>												
<u>E0</u>	27											1
<u>00</u>	-								v.1			
<u>18</u>	CMM	1	1	1	1	1	1	1	6	0		
<u>9</u>	Au											
<u>g</u>												
<u>E0</u>	28											1
<u>00</u>	-								v.1			
<u>19</u>	Manual	1	1	1	1	1	1	1	6	0		
<u>2</u>	Au											
<u>g</u>												
<u>E0</u>	27											1
<u>00</u>	-								v.1			
<u>19</u>	CMM	1	1	1	1	1	1	1	6	0		
<u>4</u>	Au											
<u>g</u>												
<u>E0</u>	27	1	1					1	1			1
<u>00</u>	-								v.1			
<u>21</u>	Manual			1	1	1	1		6	0		
<u>1</u>	Au											
<u>g</u>												
<u>E0</u>	30											1
<u>00</u>	-								v.1			
<u>21</u>	CMM	1	1	1	1	1	1	1	6	0		
<u>3</u>	Au											
<u>g</u>												
<u>E0</u>	27											1
<u>00</u>	-								v.1			
<u>21</u>	CMM	1	1	1	1	1	1	1	6	0		
<u>4</u>	Au											
<u>g</u>												
<u>E0</u>	28	1	1					1	1			1
<u>00</u>	-								v.1			
<u>22</u>	Manual			1	1	1	1		6	0		
<u>3</u>	Au											
<u>g</u>												
<u>E0</u>	27											
<u>00</u>	-											
<u>22</u>	CMM	1	1	1			1	1	1			
<u>7</u>	Au											
<u>g</u>												
<u>E0</u>	27											
<u>00</u>	-								v.1			
<u>23</u>	CMM	1	1	1	1	1	1	1	6	0		
<u>4</u>	Au											
<u>g</u>												

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<u>E0</u>		27											
<u>00</u>		-											
<u>24</u>	CMM	Au	1	1	1			1	1	1			
<u>0</u>		g											unavailabl 2-sep 1:50
<u>E0</u>		28	1	1				1					
<u>00</u>		-											
<u>24</u>	Manual	Au			1	1	1	1		v.1	0		
<u>1</u>		g								6			
<u>E0</u>		31	1	1	1			1					
<u>00</u>		-											
<u>25</u>	CMM	Au						1			0		
<u>0</u>		g								0	6		
<u>E0</u>		28	1	1				1					
<u>00</u>		-											
<u>25</u>	Manual	Au			1	1	1	1		v.1	0		
<u>2</u>		g								6			
<u>E0</u>		28	1	1	1			1					
<u>00</u>		-											
<u>25</u>	Manual	Au				1	1	1		v.1	0		
<u>7</u>		g								6			
<u>E0</u>		30											
<u>00</u>		-											
<u>26</u>	CMM	Au	1	1	1	1	1	1	1	v.1	0		
<u>3</u>		g								6			
<u>E0</u>		28	1	1	1			1				1	1
<u>00</u>		-											
<u>28</u>	Manual	Au					1	1		v.1			
<u>5</u>		g								6			
<u>E0</u>			1	1	1				0	0		1	0
<u>00</u>		1-											
<u>28</u>	CMM	Se				1	1	1			v.1		
<u>7</u>		p									6		spinning services icon
<u>E0</u>		27										1	1
<u>00</u>		-											
<u>32</u>	CMM	Au	1	1	1			1	1		v.1		
<u>9</u>		g									6		
<u>E0</u>		28	1	1	1			1				1	1
<u>00</u>		-											
<u>33</u>	Manual	Au				1	1	1		v.1			
<u>7</u>		g								6			
<u>E0</u>		28	1	1	1			1				1	1
<u>00</u>		-											
<u>34</u>	Manual	Au					1	1		v.1			
										6			

<u>2</u>	g											
<u>E0</u>	28	1	1	1				1			1	1
<u>00</u>	-											
<u>34</u>	Manual						1	1			v.1	
<u>9</u>	g										6	
<u>E0</u>	28	1	1	1								1
<u>00</u>	-											1
<u>35</u>	Manual				1	1	1				v.1	
<u>1</u>	g										6	
<u>E0</u>	27											0
<u>00</u>	-											0
<u>35</u>	CMM	1	1	1	1	1	1	1	1		v.1	
<u>6</u>	g										6	

Thank you,

Michael

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