What we try to Avoid and what contributes to it

To Cold
To Hot
Stale air
To humid
To Dry
Still Have Pneumatic Controls?

What Are the Issues?

* Old Technology
* Continuous leaks
* Finding the leaks
* Finding a Tech
* Energy Costs
* Maintenance
Valve replacement
Upgrade to DDC
*Better control
*Many new options
*Savings from precise control
*Latest in energy solutions
Sensors and Actuators fail and cause equipment to work harder.
Servicing equipment

* Regular PM Contracts
* Preventative Maintenance
* Scheduling
* Alarming to emails
* Software updates
* Energy Monitoring
What are the Benefits for BAS

Better Control Equals:

- Competitive rates
- Profitable and Valuable Environment
- Efficient Facilities
- Comfort = Retaining CUSTOMERS
- Top of your Game
Upgrading to better control your building is not out of REACH!
No more running to the computer
Just hit the app on your phone
Integrate all of your systems to view from one point of access.
Building Automation Systems are vital in:

- Saving Time
- Prevent Costly breakdowns
- Operate Efficient Hotels
Easy to follow equipment graphics will enhance your team's ability to trouble shoot HVAC issues.
3D Floor Plans

Allow quick access to identifying problem areas
# ALARM HISTORY

<table>
<thead>
<tr>
<th>Description</th>
<th>Occurred</th>
<th>Status</th>
<th>Ended</th>
<th>Acknowledged</th>
<th>Acknowledge All</th>
</tr>
</thead>
<tbody>
<tr>
<td>Facility Temperature Sensor - CI Test</td>
<td>05/14/2013 9:40 AM</td>
<td>High Limit</td>
<td></td>
<td></td>
<td>Acknowledge</td>
</tr>
<tr>
<td>Bad Air Quality - CI Test</td>
<td>05/14/2013 11:49 AM</td>
<td>High Limit</td>
<td></td>
<td></td>
<td>Acknowledge</td>
</tr>
<tr>
<td>Heating Cool Fault - CI Test</td>
<td>05/14/2013 11:49 AM</td>
<td>High Limit</td>
<td></td>
<td></td>
<td>Acknowledge</td>
</tr>
<tr>
<td>Facility Air Inlet - CI Test</td>
<td>05/14/2013 11:40 AM</td>
<td>High Limit</td>
<td></td>
<td></td>
<td>Acknowledge</td>
</tr>
<tr>
<td>Facility Out - CI Test</td>
<td>05/14/2013 11:40 AM</td>
<td>High Limit</td>
<td></td>
<td></td>
<td>Acknowledge</td>
</tr>
<tr>
<td>Damper Jammed - CI Test</td>
<td>05/14/2013 11:40 AM</td>
<td>High Limit</td>
<td></td>
<td></td>
<td>Acknowledge</td>
</tr>
<tr>
<td>Dirty Filter - CI Test</td>
<td>05/14/2013 11:40 AM</td>
<td>High Limit</td>
<td></td>
<td></td>
<td>Acknowledge</td>
</tr>
<tr>
<td>Real Sensor - CI Test</td>
<td>05/14/2013 11:48 AM</td>
<td>High Limit</td>
<td></td>
<td></td>
<td>Acknowledge</td>
</tr>
</tbody>
</table>

ALARMS!!!
Assign tasks based on who has acknowledged the alarm
Track progress of Alarms based on user activity
Know who is working on it
HEATING SYSTEM IS ALL "FIXED"
Unless you answer **YES**
to all of these...
**DO NOT TURN ON HEAT!!!**

Are you wearing a hoodie, pants, **SOCKS**?
Is it November?
Do you pay the gas bill?
YOUR CAPACITOR IS UNDER WARRANTY

BUT WE RECOMMEND YOU BUY A NEW CONDENSER
Mike Delano
Account Manager/Sales
860-982-4455
mdelano@absddc.com