

# Pinnacle Summit 2019



## AssetWatch – So What's Next

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## **Who Am I?**

- 1. 30 years industry, 26 years with MPS**
- 2. Current role is Director of Technical Resources**
  - 1. Field Staff and In-house help desk Staff.**
  - 2. Oversee In-house IT and Out-sourced IT.**
  - 3. Dispatch Groups.**
  - 4. Large Technical Projects and new products.**

## **Who is Minnesota Petroleum**

- 1. Family owned and operated by the Swans.**
- 2. Been in the petroleum business since 1975.**
  - 1. Sales, Service, and Installation.**
- 3. Experience in excess of 100 years combined.**
- 4. 5 offices, 24 field techs, 15 field construction, 12 sales people, 12 office staff, roughly 65 employees.**

## **Pinnacle Summit 2019**



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# Where were we 30 years ago?



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## Where we are now.

- **We see roughly 3000 advertisements per day.**
- **A 2017 article in Tech 21 Century reported we process roughly 34 gigs of data in our brains every day.**
- **They went on to state “Through mobile phones, online entertainment services, the Internet, electronic mail, television, radio, newspapers, books, social media etc. people receive every day about 105,000 words or 23 words per second in half a day (12 hours) (during awake hours).**
- **For Comparison the novel War and Peace is 587, 287 Words.**
- **In a year you receive the equivalent number of words as reading War and Peace roughly 65 times.**

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# What is AssetWatch

The screenshot shows a web browser window with the URL `https://production.affiniti.click/AssetWatch/home`. The page title is "Asset Watch". On the left is a sidebar with the Pinnacle Corporation logo and a navigation menu: Home, Clients, Association, Asset Report, Support, and Logout. The main content area features two summary cards: "10 Locations" with a location pin icon and "65 Machines" with a monitor icon. Below these is a "Notifications" section with the message "There are no notifications to display at this time." The footer of the page contains the copyright notice: "Copyright © 2019 - The Pinnacle Corporation v1.0.4 - All Rights Reserved Worldwide".

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# Asset Watch Machines

## Machines

Id	Description	Registered	Scheduled	Machine key	
01caaf37-e297-43c1-9ed9-b5fb9aa51256	chs-palmsys1	2017-11-30T13:12:57.104Z	2017-11-30T13:12:57.104Z	50:50:54:50:30:30	<a href="#">Details</a>
af5da861-7987-4603-dc80-9ca0ec4231cb	TEST-PALMSYS3	2017-11-30T13:29:02.814Z	2017-11-30T13:29:02.814Z	00:60:EF:19:2B:D4	<a href="#">Details</a>
6e31d21d-5040-40b6-860d-c31cd869d7e2	chs-palmsys1	2017-12-07T12:47:08.592Z	2017-12-07T12:47:08.592Z	00:60:EF:10:53:2A	<a href="#">Details</a>
5a4c9de3-b456-40e8-a0ce-8036485f7293	CUSTOMER-5877B0	2018-01-04T14:32:58.550Z	2018-01-04T14:32:58.550Z	00:60:EF:0B:F1:5D	<a href="#">Details</a>
2f8264af-f12b-41c7-f712-3cffadd2f6f4	STORENUM_POS_NU	2018-01-25T19:48:36.017Z	2018-01-25T19:48:36.017Z	00:23:24:4D:1A:CE	<a href="#">Details</a>
a18882f2-f12a-4c21-b8b2-3cb2ad1d6fbf	PALMCASHIER-PC	2018-02-05T21:32:28.795Z	2018-02-05T21:32:28.795Z	00:60:EF:19:2C:0B	<a href="#">Details</a>

- <Store Not Specified>
- Store #1 Downtown
  - PALMCASHIER-PC
  - PALMSYS2
  - DESKTOP-UQSUJDI
  - TPCSALES1
  - DSK-MKEMP-A
  - DESKTOP-043GMBH
  - DSK-ACCTINT-A
  - CHS-PALMSYS1
  - CHS-PALMSYS2
  - CHS-PALMSYS1
  - CHS-PALMSYS1
  - CHS-PALMSYS1
  - CHS-PALMSYS1
  - CHS-PALMSYS2

## PALMCASHIER-PC

### Machine Info

DLL and EXE files

Fuel Pumps

IPTs

Payment Terminals

Registers

#### General:

OS Version: Microsoft Windows Embedded Standard  
Service Pack: Service Pack 1

Physical Memory: 2024488960  
Virtual Memory: 3954080

#### Network Adapters:

Network Adapter 1 - MAC Address:  
Network Adapter 2 - MAC Address:  
Network Adapter 3 - MAC Address:  
Network Adapter 4 - MAC Address:  
Network Adapter 5 - MAC Address:

Network Adapter 6 - MAC Address:  
Network Adapter 7 - MAC Address:  
Network Adapter 8 - MAC Address:  
Network Adapter 9 - MAC Address:

#### Processor Information:

•Caption: x64 Family 6 Model 42 Stepping 7  
•Creation Class Name: Win32\_Processor  
•Current Clock Speed: 2581  
•Device Id: CPU0

•Name: Intel(R) Pentium(R) CPU G850 @ 2.90GHz  
•Number of Cores: 2  
•Number of Logical Processors: 2



## Case 1. Bobs Gas Stop – issues after upgrade

**Bob's has just upgraded the software on their Pinnacle Palm devices at their locations. Some of the sites are experiencing issues with the dispensers, but not all sites. The owner contacts the service provider or their IT staff and asks them to look into the issue.**

CHS-PALMSYS1

Machine Info

DLL and EXE files

Forecourt Controller

Fuel Pumps

Payment Terminals

Registers

Dispenser	Dispenser Model	Dispenser Software Version	DPT Software Version	Last Update
01	0	0101064	206-061904	May 23, 2019, 12:38:46 PM
02	0	0101064	206-061904	May 23, 2019, 12:38:46 PM
03	0	0301064	206-061904	May 23, 2019, 12:38:46 PM
04	0	0301064	206-061904	May 23, 2019, 12:38:46 PM

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## Case 2. Bob's Gas Stop-new payment terminals

**Bob's has needs to roll out new payment terminals to their locations and want to task the service provider for the project.**

CHS-PALMSYS2

Pinpad	Manufacturer	Device	Application Version	Unit Serial #	Manufacturing Serial #	EMV DC Kernel Type	EMV Engine Kernel Type	Date/Time	Last Update
1	INGNAR	iSC250	18.04	2213276SC010568	80102767	0467	0488	May 21, 2019, 5:58:07 AM	May 23, 2019, 2:01:00 PM
1	INGNAR	iSC250	14.04	70071334	70071334	0467	0488	May 10, 2018, 11:10:58 AM	Nov 28, 2018, 1:59:51 PM

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## Case 3. Bob's Gas Stop – PCI Audit

**Bob's has to complete their PCI audit and using Asset Watch avoids numerous calls to sites to verify serial numbers and software versions.**

CHS-PALMSYS2

Pinpad	Manufacturer	Device	Application Version	Unit Serial #	Manufacturing Serial #	EMV DC Kernel Type	EMV Engine Kernel Type	Date/Time	Last Update
1	INGNAR	iSC250	18.04	2213276SC010568	80102767	0467	0488	May 21, 2019, 5:58:07 AM	May 23, 2019, 2:01:00 PM
1	INGNAR	iSC250	14.04	70071334	70071334	0467	0488	May 10, 2018, 11:10:58 AM	Nov 28, 2018, 1:59:51 PM

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# Where do we go from here?



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**Thank You!**

**Minnesota Petroleum Service  
Bob McDonald**

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