

INTERNET CARTOGRAPHY

USING SHODAN TO EXPLORE UNCHARTED TERRITORY

HI, I'M JOHN!

@ACHILLEAN

JMATH@SHODANHQ.COM

AGENDA

1. SHODAN HISTORY AND TECHNOLOGY
2. GENERAL OBSERVATIONS
3. CONSUMER DEVICES
4. INDUSTRIAL INTERNET

1. SHODAN HISTORY AND TECHNOLOGY

SEARCH ENGINE OF INTERNET-CONNECTED DEVICES

GOOGLE FINDS WEBSITES

SHODAN FINDS DEVICES

EXPOSE ONLINE DEVICES.

WEBCAMS. ROUTERS.
POWER PLANTS. IPHONES. WIND TURBINES.
REFRIGERATORS. VOIP PHONES.

[TAKE A TOUR](#)[FREE SIGN UP](#)

Popular Search Queries: Router w/ Default Info - Routers that give their default username/ password as admin/1234 in their banner.



DEVELOPER API

Find out how to access the Shodan database with Python, Perl or Ruby.



LEARN MORE

Get more out of your searches and find the information you need.



FOLLOW ME

Contact me and stay up to date with the latest features of Shodan.

IN THE PRESS

Shodan pinpoints shoddy industrial controls.



It greatly lowers the technical bar needed to canvas the Internet...



'Shodan for Penetration Testers' presented at DEF CON 18



It's a reminder to many to know what's on your network...



Shodan is the Google for hackers.



Shodan vereinfacht die Suche nach SCADA-Systeme erheblich...



Firmen öffnen Stuxnet und Co. selbst die Tür.



Computerangriffe werden einfacher. Zumindest für die Nutzer von Shodan.





Services

HTTP	15,931
HTTPS	2,218
HTTP Alternate	9
Telnet	5

Top Countries

United States	4,785
China	921
Brazil	898
Italy	789
United Kingdom	727

Top Cities

Beijing	342
Seoul	314
Rio De Janeiro	301
Santo Domingo	201
Singapore	195

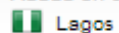
Top Organizations

Uninet S.A. de C.V.	349
Mundivox do Brasil Ltda	320
Korea Telecom	319
Compa\ufffd\ufffd Dom...	315
University of Lagos	210

196.220.249.243

University of Lagos

Added on 01.05.2013



Lagos

Details

HTTP/1.0 200 OK

Date: Tue, 16 Mar 1993 18:07:15 GMT

Server: cisco-IOS

Connection: close

Transfer-Encoding: chunked

Content-Type: text/html

Expires: Tue, 16 Mar 1993 18:07:15 GMT

Last-Modified: Tue, 16 Mar 1993 18:07:15 GMT

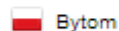
Cache-Control: no-store, no-cache, must-revalidate

Accept-Ranges: none

83.10.235.141

Neostrada Plus

Added on 01.05.2013



Bytom

Details

HTTP/1.0 200 OK

Date: Sat, 22 Sep 2007 05:03:27 GMT

Server: cisco-IOS

Connection: close

Content-Length: 4895

Content-Type: text/html

Expires: Sat, 22 Sep 2007 05:03:27 GMT

Last-Modified: Sat, 22 Sep 2007 05:03:27 GMT

Cache-Control: no-store, no-cache, must-revalidate

Accept-Ranges: none

BudaISP Home Page

91.120.247.63

GTS Hungary Telecommunications

Limited Liability C

Added on 01.05.2013

HTTP/1.0 200 OK

Date: Fri, 26 Mar 1993 16:20:16 UTC

Server: cisco-IOS/12.1 HTTP server/1.0(1)

CNNMoney

Bloomberg
TELEVISION

The New York Times

BBC
NEWS

AS SEEN ON

DEF
CON
18-19

The Washington Post

AARGAUER
az ZEITUNG
— DIE NORDWESTSCHWEIZ —

@ heise online

ReadWriteWeb

HOW IT WORKS

- SCANS 24/7
- RANDOM
- DISTRIBUTED
- NON-INTRUSIVE
- SCANS THE INTERNET EVERY MONTH



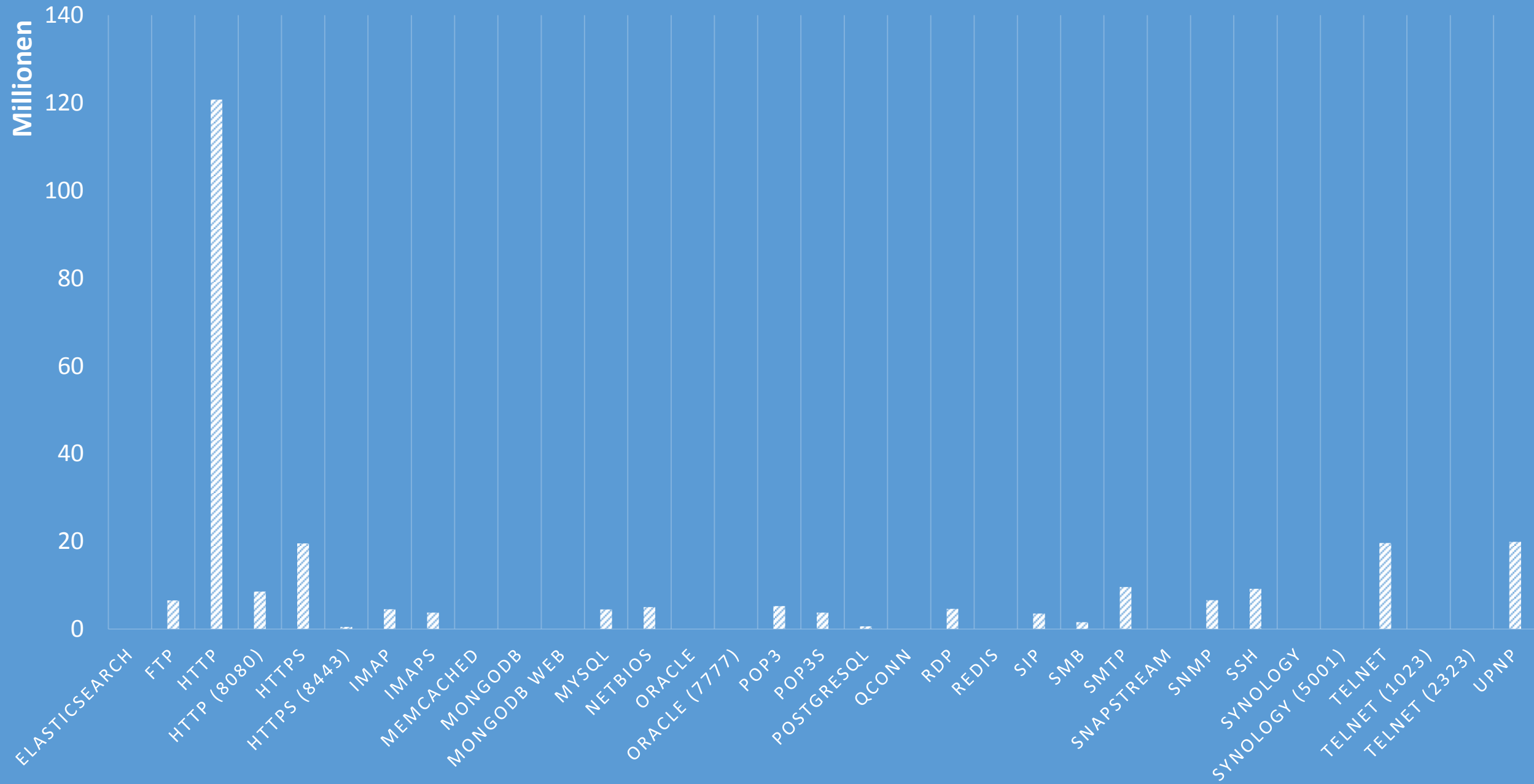
python™

ØMQ

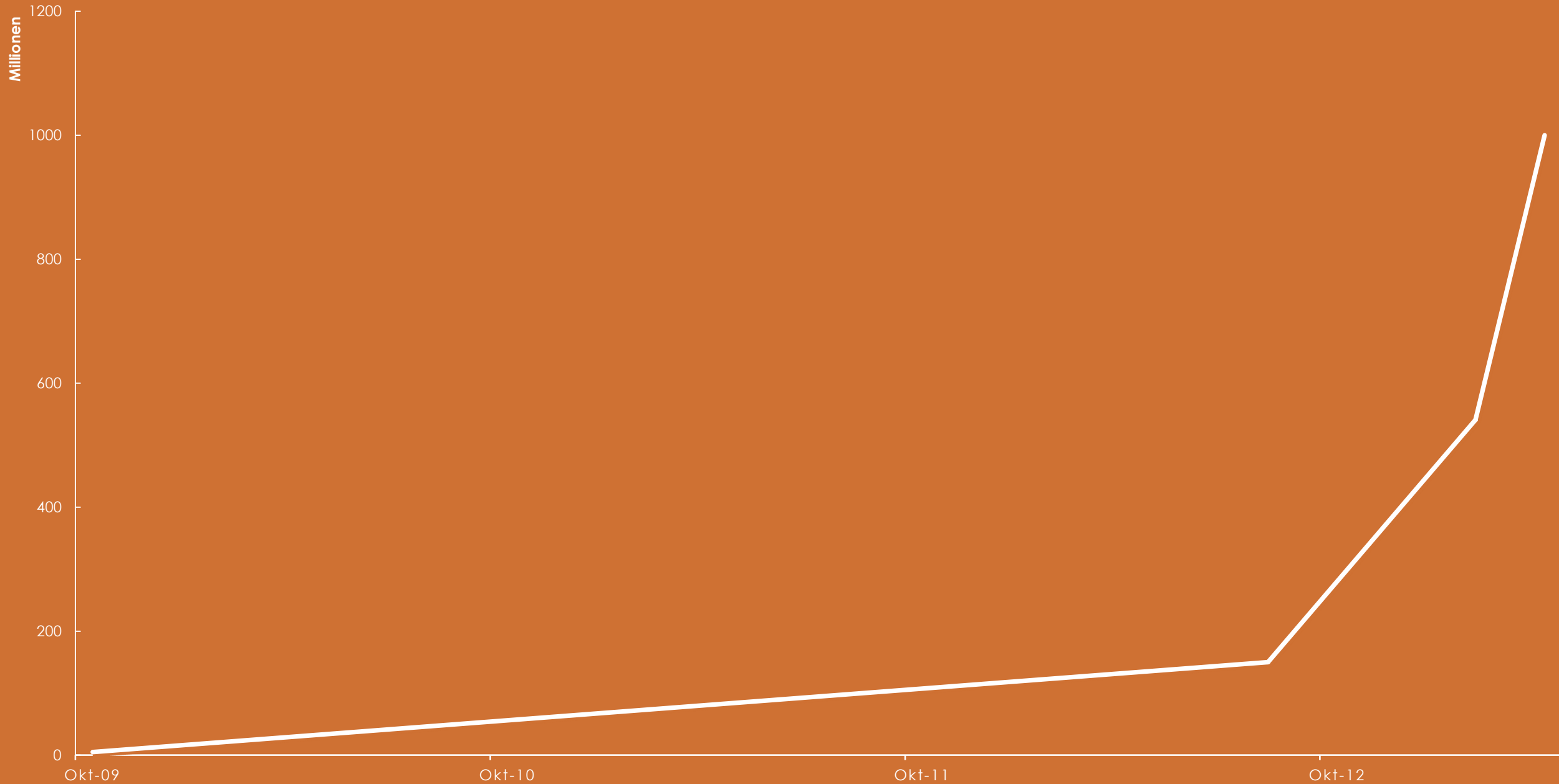
SERVICES

- HTTP
- FTP
- SMTP
- SNMP
- SSH
- POP3
- IMAP
- NETBIOS
- HTTPS
- SMB
- TELNET
- UPnP
- MYSQL
- REMOTE DESKTOP PROTOCOL
- POSTGRESQL
- MONGODB
- REDIS
- MEMCACHE

SERVICES BY THE NUMBERS



DATABASE SIZE



2. GENERAL OBSERVATIONS

OBSERVATIONS

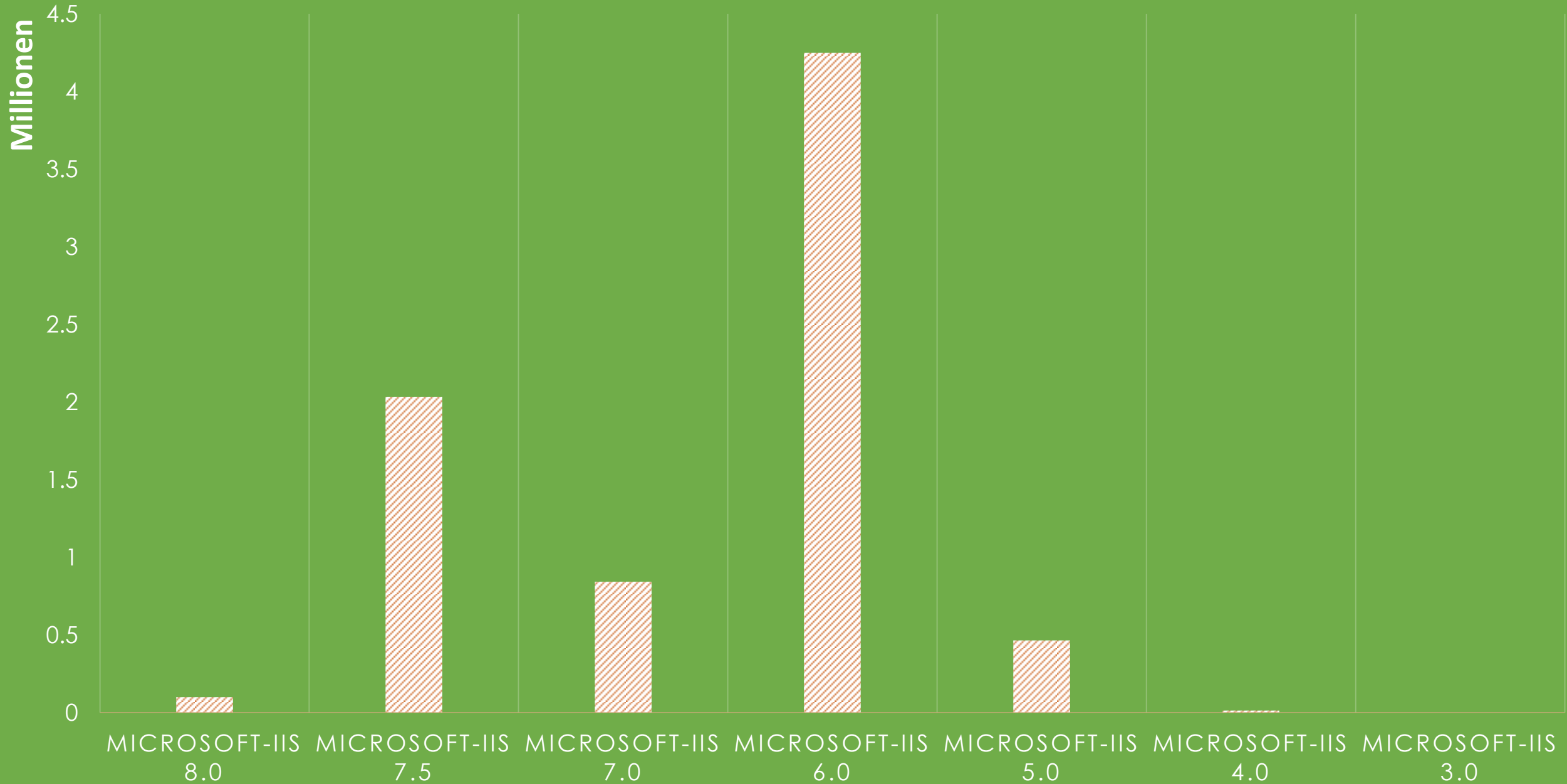
1. INTERNET IS OLD
2. EMBEDDED DEVICES EVERYWHERE
3. THE 1% OF THE INTERNET MATTERS

THE INTERNET IS OLD

“WHO CARES? NOBODY RUNS THAT ANYMORE.”








- ANONYMOUS

MIND SHARE VS MARKET SHARE



42 SERVERS WITH IIS 2.0
(WINDOWS NT 4.0)

SERIOUSLY? *MAYBE* HONEYPOTS?

-  [Login](#)
-  [Reports](#)
-  [Download Updates](#)
-  [Send E-mail](#)
-  [ABS Home Page](#)
-  [Web Search](#)
-  [Download Windows
Demo](#)

American Business Systems, Inc.

Login to the System

We welcome your [questions and comments](#) regarding your account.

Phone: 800-356-4034 or Fax: 978-250-8027.

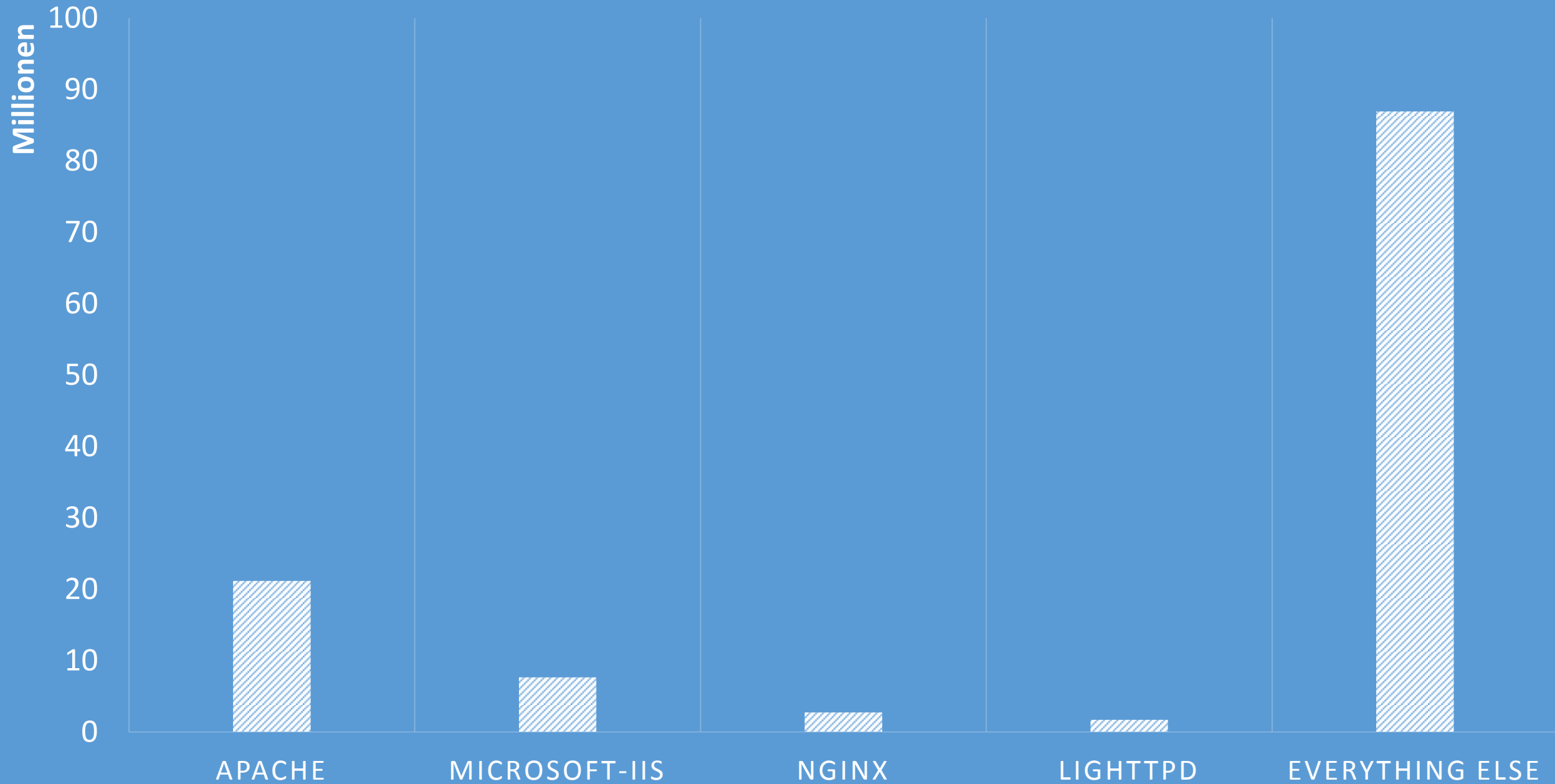
[© Copyright 1998-2007](#) American Business Systems, Inc. All rights reserved.

EMBEDDED DEVICES

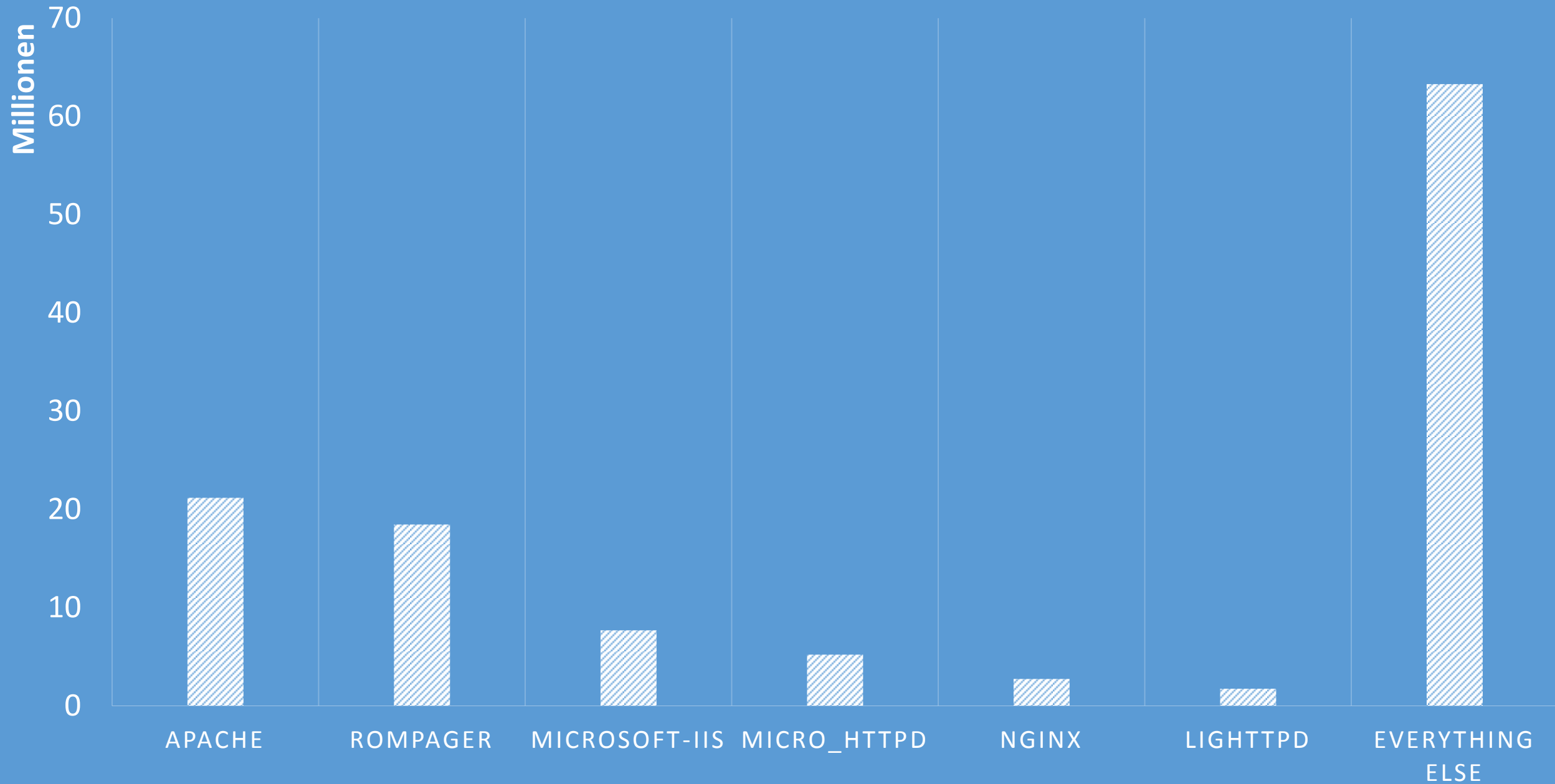
A scene from the movie Toy Story featuring Woody and Buzz Lightyear. Woody, on the left, is a cowboy doll with a yellow and red plaid shirt, a black and white cow-print vest, and a brown leather belt with a large buckle. He has a concerned expression. Buzz Lightyear, on the right, is a green and white space ranger action figure. He is smiling and gesturing with his right hand, which has purple finger rings. The background is a simple room with a wooden floor and a blue wall with yellow stars.

EMBEDDED DEVICES EVERYWHERE

POPULAR WEBSERVERS VS EVERYTHING ELSE



ROMPAGER > MICROSOFT-IIS



ROMPAGER?!

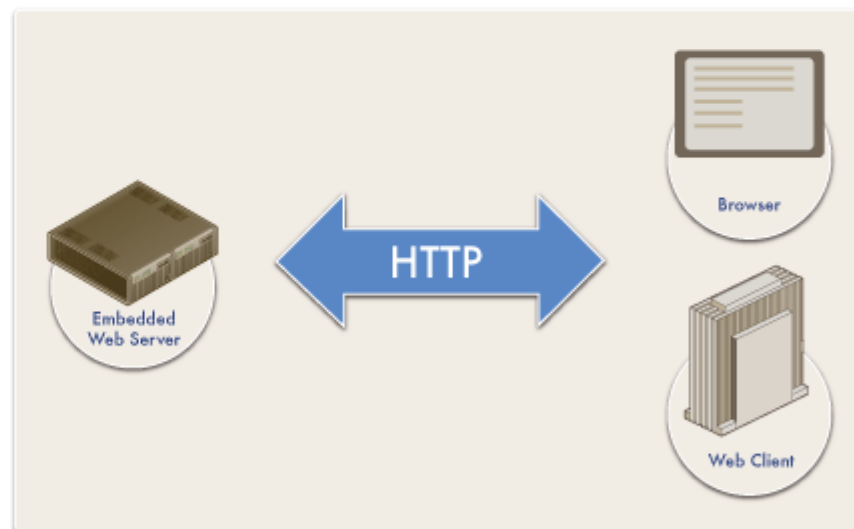
RomPager® Embedded Web Server Toolkits

Build Web-based device management into your design using Allegro's Embedded Web Server Toolkits

[Download Datasheet](#)
[Request Information](#)
[Description](#)
[Features/Benefits](#)
[Specifications](#)
[Options](#)

Embedded Web Server Overview

The RomPager® suite of products enable your engineering team to leverage proven Web-based technologies in your smart, network connected device. For more than fifteen years, Allegro has delivered embedded http server technology to customers worldwide with the RomPager suite of products. Currently deployed in more than 175 million devices shipped to markets around the globe, RomPager is recognized as the most widely used OEM embedded Web server in many diverse products and applications on the market today. Available in three versions (Basic, Standard and Advanced) with an extremely flexible and comprehensive array of features, the RomPager software development toolkits are specifically designed for the embedded market to be compact, efficient, high performance and include features normally found only in enterprise environments.



RomPager Basic

The RomPager Basic Web Server is a basic Hyper Text Transfer Protocol (HTTP) engine that serves content to browsers and other Web clients. Fully compliant with HTTP 1.0/1.1 specifications, the RomPager Basic Web server offers superior performance and can be configured to handle thousands of concurrent requests. RomPager Basic also provides access to a high performance CGI-style interface, optional file system support and the ability to dynamically generate HTML, giving your engineering team flexibility to design a Web-based interface of their choice. The toolkit is

THE 1% MATTERS

POSTGRESQL CLI VULNERABILITY



The world's most advanced
open source database.

[Home](#) | [About](#) | [Download](#) | [Documentation](#) | [Community](#) | [Developers](#) | [Support](#) | [Your account](#)

» [Support](#)
» [Versioning policy](#)
» [Security](#)
» [Professional Services](#)
» [Hosting Solutions](#)
» [Report a Bug](#)

2013-04-04 Security Release FAQ

The following versions make up this release:

- v9.2.4
- v9.1.9
- v9.0.13
- v8.4.17

While this FAQ covers the 2013-04-04 PostgreSQL Security Update in general, most of its contents focus on the primary security vulnerability patched in the release, [CVE-2013-1899](#).

Are there any known exploits "in the wild" for this vulnerability?

There were no known exploits at the time of release.

Who is particularly vulnerable because of this issue?

Any system that allows unrestricted access to the PostgreSQL network port, such as users running PostgreSQL on a public cloud, is especially vulnerable. Users whose servers are only accessible on protected internal networks, or who have effective firewalling or other network access restrictions, are less vulnerable.

This is a good general rule for database security: do not allow port access to the database server from untrusted networks unless it is absolutely necessary. This is as true, or more true, of other database systems as it is of PostgreSQL.

What is the nature of the vulnerability?

The vulnerability allows users to use a command-line switch for a PostgreSQL connection intended for single-user recovery mode while PostgreSQL is running in normal, multiuser mode. This can be used to harm the server.

What potential exploits are enabled by this vulnerability?

1. Persistent Denial of Service: an unauthenticated attacker may use this vulnerability to cause PostgreSQL error messages to be appended to targeted files in the PostgreSQL data directory on the server. Files corrupted in this way may cause the database server to crash, and to refuse to restart. The database server can be fixed either by editing the files and removing the garbage text, or restoring from backup.
2. Configuration Setting Privilege Escalation: in the event that an attacker has a legitimate login on the database server, and the server is configured such that this user name and the database name are identical (e.g. user *web*, database *web*), then this vulnerability may be used to temporarily set one configuration variable with the privileges of the superuser.
3. Arbitrary Code Execution: if the attacker meets all of the qualifications under 2 above, and has the ability to save files to the filesystem as well (even to the *tmp* directory), then they can use the vulnerability to load and execute arbitrary C code. SELinux will prevent this specific type of exploit.

Which major versions of PostgreSQL are affected?

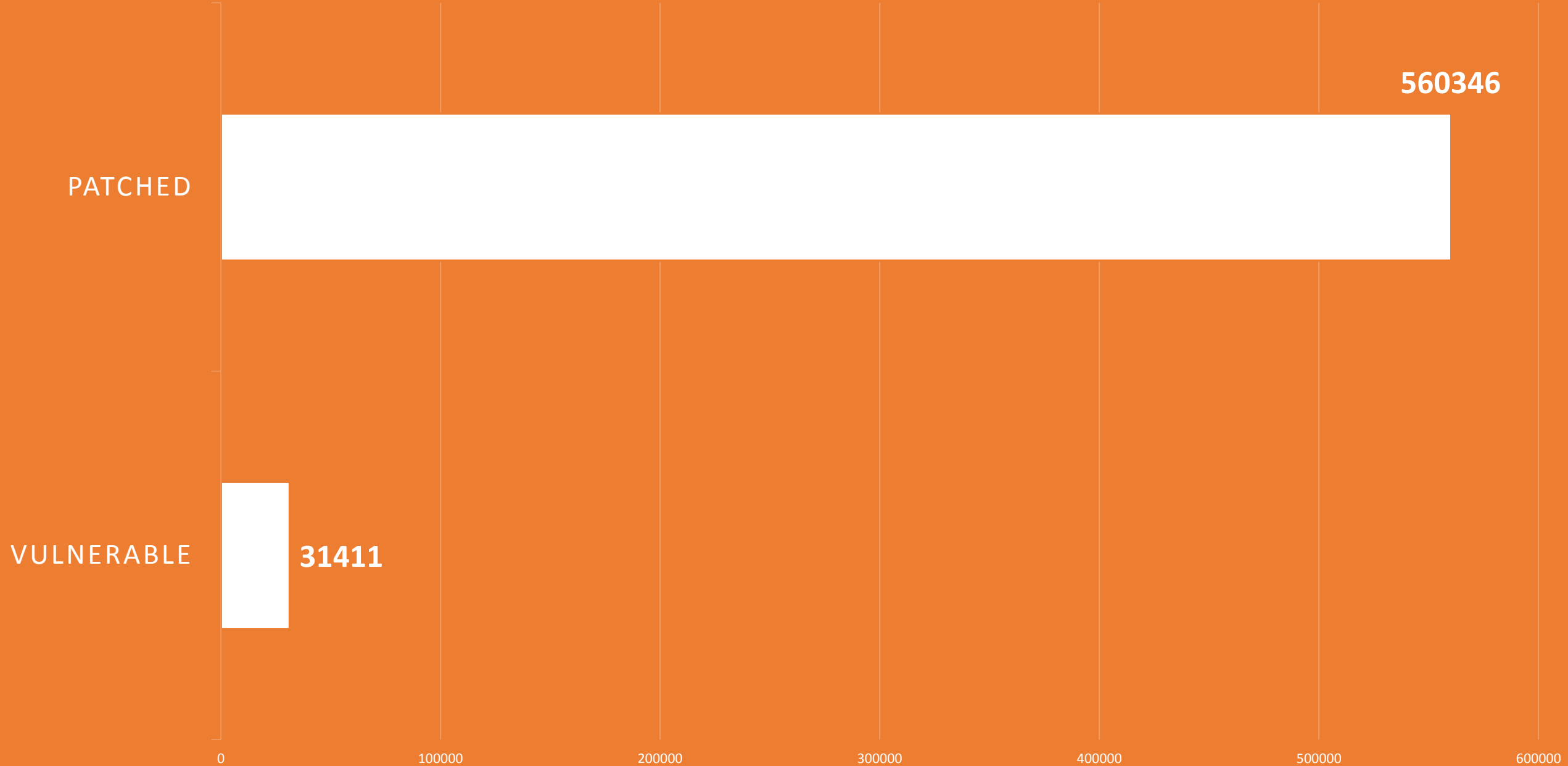
Versions 9.0, 9.1 and 9.2.

Users of version 8.4 are not affected. Users of version 8.3 and earlier are not affected by this issue, but are vulnerable to other unpatched security vulnerabilities, since those versions are EOL.

How can users protect themselves?

Read the database security checklist for more information.

POSTGRESQL PATCHING





CRITICAL VULNERABILITY

95% PATCHED QUICKLY

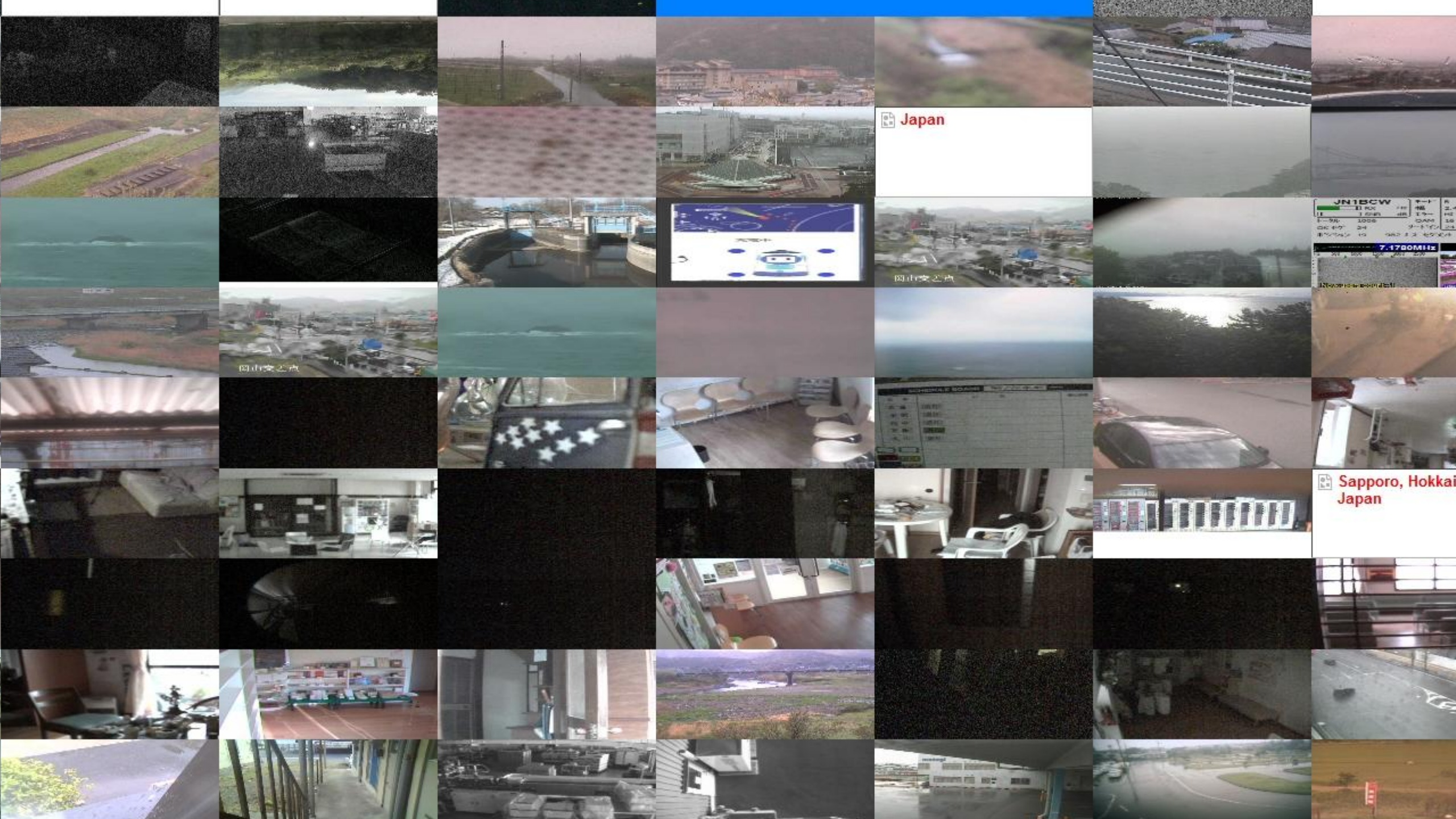


CRITICAL VULNERABILITY

THOUSANDS DIDNT PATCH

3. CONSUMER DEVICES

MOST POPULAR SEARCH ON SHODAN?



Japan

Sapporo, Hokkaido
Japan



WEBCAMS OF THE WORLD



NOT ALL OF THEM PUBLIC
BUT

NEWS TECHNOLOGY

[Home](#) [US & Canada](#) [Latin America](#) [UK](#) [Africa](#) [Asia](#) [Europe](#) [Mid-East](#) [Business](#) [Health](#) [Sci/Environment](#) [Tech](#) [Entertainment](#) [Video](#)

7 February 2012 Last updated at 11:55 ET



Trendnet security cam flaw exposes video feeds on net

By Leo Kelion

Technology reporter

Feeds from thousands of Trendnet home security cameras have been breached, allowing any web user to access live footage without needing a password.

Internet addresses which link to the video streams have been posted to a variety of popular messageboard sites.

Users have expressed concern after finding they could view children's bedrooms, among other locations.

US-based Trendnet says it is in the process of releasing updates to correct a coding error introduced in 2010.

It said it had emailed customers who had registered affected devices to alert them to the problem.

However, a spokesman told the BBC that "roughly 5%" of purchasers had registered their cameras and it had not yet issued a formal media release



One user uploaded a montage of what he said were Trendnet feeds to alert the media to the problem

Related Stories

[O2 apology for mobile disclosure](#)[Anti-malware code's spambot flaw](#)[HTML 5 target for cybercriminals](#)

Top stories

[Syrians flee coastal 'massacres'](#)[Seven Nato troops die in Afghanistan](#)[Southern California wildfire spreads](#)[Anti-Jewish rally in Hungary capital](#)[Dozens killed at Nigeria funeral](#)

Features & Analysis



Tweets of the week

Jason Collins, Jamestown and a rasta banana



Watch out, Nashville

America may have a new music recording capital



Human bait

How villagers catch the flies that cause blindness



Breaking in

Anti-establishment parties challenge EU politics

HTTP://X.X.X.X/

→ NOT ALLOWED

HTTP://X.X.X.X/ANONY/MJPG.CGI → ALLOWED

<http://console-cowboys.blogspot.com/2012/01/trendnet-cameras-i-always-feel-like.html>

Woman charged with assaulting her 96-year-old mom after captured on web cam

BY JOSEPH KOHUT (STAFF WRITER)

Published: May 1, 2013

ARTICLE TOOLS

FONT SIZE: [A] [A] [A]



OUR SOCIAL NETWORKS



FACEBOOK [Recommend](#)

SIGN UP [TEXT ALERTS](#) | [NEWSLETTER](#)



Carolyn James set up a live webcam to keep an eye on her 96-year-old mother.

Someone else was watching, and now the 55-year-old federal probation worker faces assault charges after a stranger recorded her slapping, grabbing and screaming at her mother, who suffers from Alzheimer's and cannot speak.

Ms. James, 231 Lincoln St., Dickson City, was arraigned Tuesday before Magisterial District Judge Terrance V. Gallagher for simple assault, neglect of care for a dependent person and terroristic threats.

Chicago resident Mark Gruss was researching webcams when he stumbled upon the open feed from Ms. James' living room and saw her beat and scream at her mother, Mary Jane James, Assistant District Attorney Suzanne Tierney said.

Horried, Mr. Gruss recorded part of the abuse, traced the Internet Protocol address to the Scranton area, and contacted local authorities. When the police did not act, he contacted The Times-Tribune. The newspaper contacted the state Department of Aging's elder abuse unit and forwarded



Scranton Daily Deals powered by [ReferLocal](#)

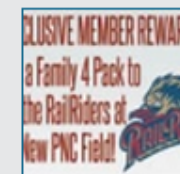
LATEST CONTESTS



Dave Matthews Band Trivia

How much do you know about Dave Matthews Band? Take our trivia to find out and you could win tickets to see Dave Matthews Band on May 29 at Toyota

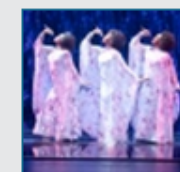
Pavilion!



Win a Family 4 pack to the RailRiders

All-Access members exclusive! Register to win a Family 4 pack of tickets to see the RailRiders. Four winners will be chosen

during May.



Register to win tickets to see Dreamgirls

Register to win tickets to see Dreamgirls at the Scranton Cultural Center!

[Home](#)[Networking](#)[Device Info](#)[Select Language](#)[Other Links](#)[Help](#)[Support](#)[HP Home](#)

Device Info



Device: HP Color LaserJet 3600
Page Count: 25613
Status: ORDER CYAN CARTRIDGE
Host Name: wcvm-vthofficec
System Up Time: 07h:32m:27s
System Contact:
System Location:

HP JetDirect: J7973E
Firmware Version: V.30.31
IP Address: [REDACTED]
Hardware Address: 0014384458EC
Admin Password: <Not Set>

[Refresh](#)

Slideshow

Content

Quick Search



Backups



Documents



Movies



Music



Pictures



TimeMachine

Congratulations!

You have a web server running on your iPhone under `/var/www/`

You can place an `index.html` in `/var/www/` and enjoy!

Index of /

Name	Last Modified	Size	Type
Parent Directory/		-	Directory
bot/	2011-Dec-21 23:02:21	-	Directory
orangebox/	2011-Dec-11 05:59:37	-	Directory
pukiwiki/	2011-Dec-11 05:42:38	-	Directory
pukiwiki-1.4.7_notb_utf8/	2011-Dec-11 05:42:38	-	Directory
root/	2011-Dec-22 00:20:54	-	Directory
041112_orangebox.zip	2011-Dec-11 05:53:19	9.4K	application/zip
orangebox_utf8.zip	2011-Dec-11 06:14:51	8.6K	application/zip
phpinfo.php	2010-May-02 13:39:18	0.2K	application/octet-stream
pukiwiki-1.4.7_notb_utf8.zip	2011-Dec-11 05:39:33	400.5K	application/zip
sample.html	2010-May-03 09:12:10	0.1K	text/html
iPhone lighttpd			

[View Detail Data](#)

[Configure](#)

[Business Day](#)

[Deposit](#)

[Vend](#)

[BiComm](#)

[Safe Quick Reference](#)

Store:
001944

Last Pickup

07:46

Last Update:

UNKNOWN

V3.2



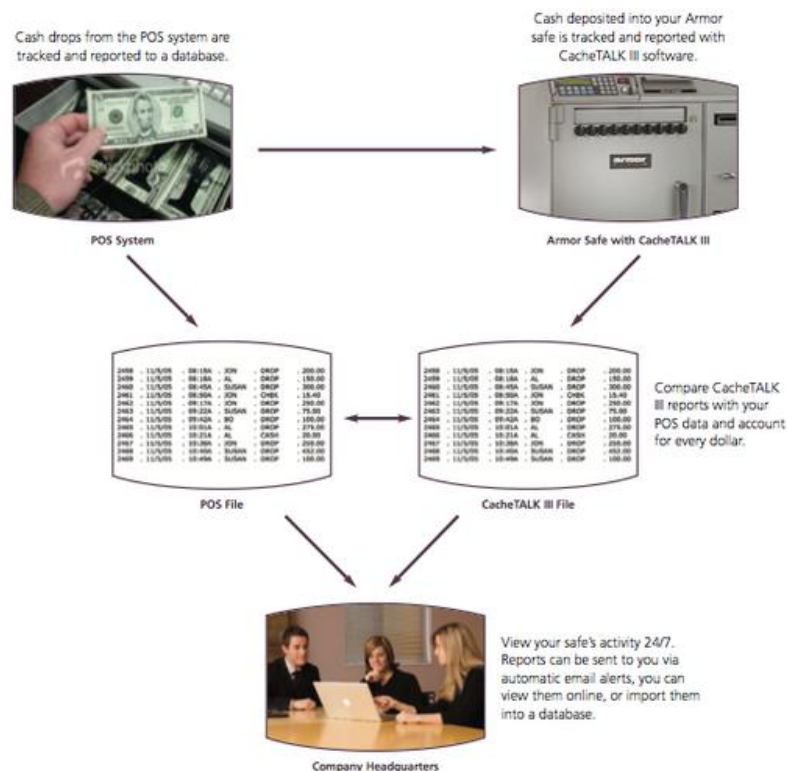
Armor Safe Technologies (800)835-6011 [Armor Safe Technologies](#)

CacheSYSTEM

CacheTALK III

Every Armor safe is a complete cash handling solution that promises supreme confidence and peace of mind. With CacheTALK™ III, you don't have to take our word for it—you can view all of the activity in your safe via the internet any time.

Our CacheTALK III software provides complete transparency and accountability between your POS and your safe. Here's how:



Products

CacheSYSTEM

- 7000 Series
- 2400 Series
- 1200 Series
- 3400 Series
- CacheTALK III
- CacheCONTROL

CacheNET

- 5000 Series
- Coin Acceptor Unit
- Device Dashboard



4. INDUSTRIAL INTERNET

SCADA

SUPERVISORY

CONTROL

AND

DATA

ACQUISITION

AKA STUFF THAT CONTROLS

WATER

POWER

STREET LIGHTS

FACTORIES

BUILDINGS

IN THE BEGINNING, THERE WERE 10,000

Quantitatively Assessing and Visualising Industrial System Attack Surfaces

Éireann P. Leverett



University of Cambridge

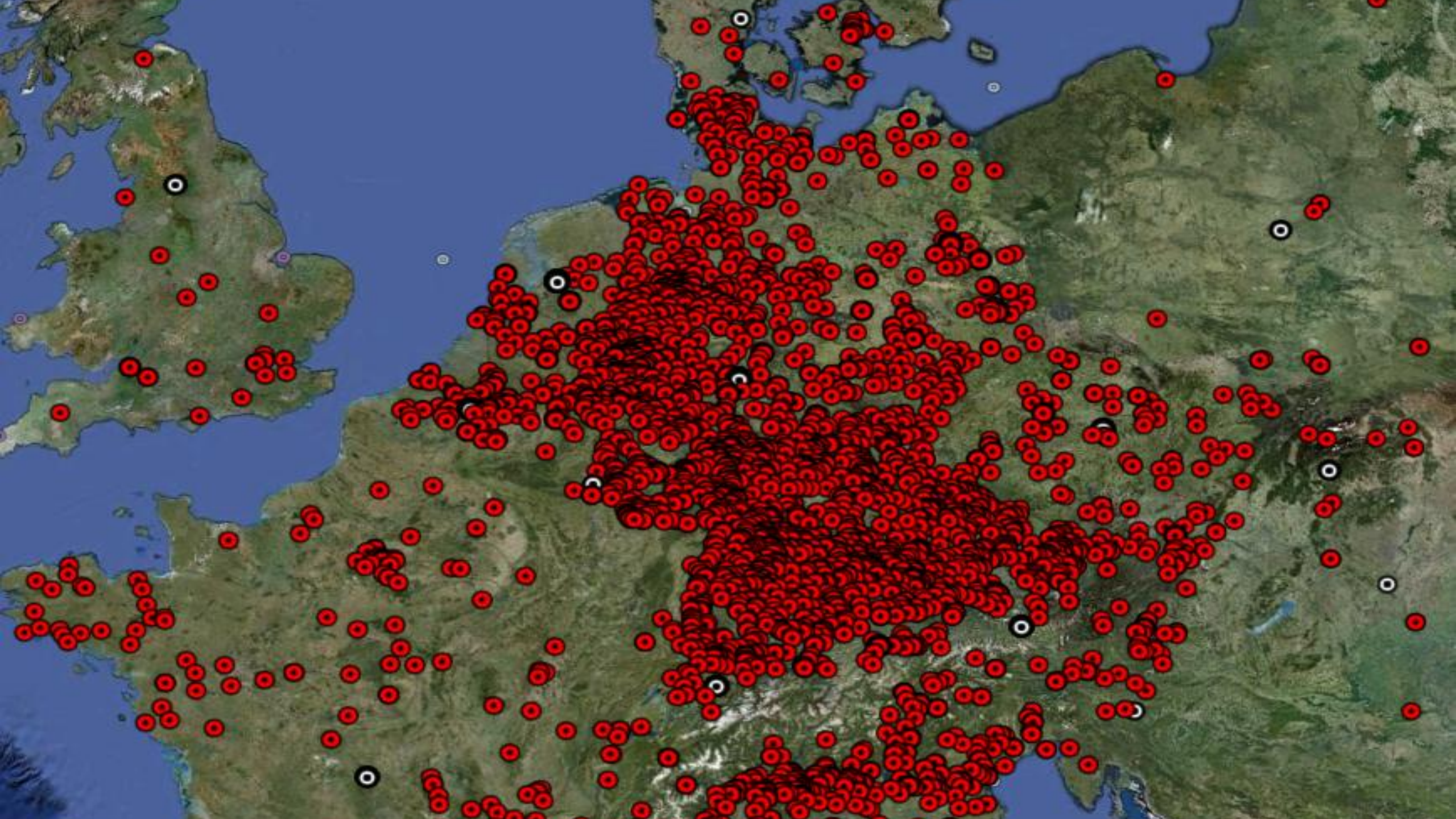


Global Exposure Surface Timeline



PROJECT SHINE RAISED IT TO 500,000

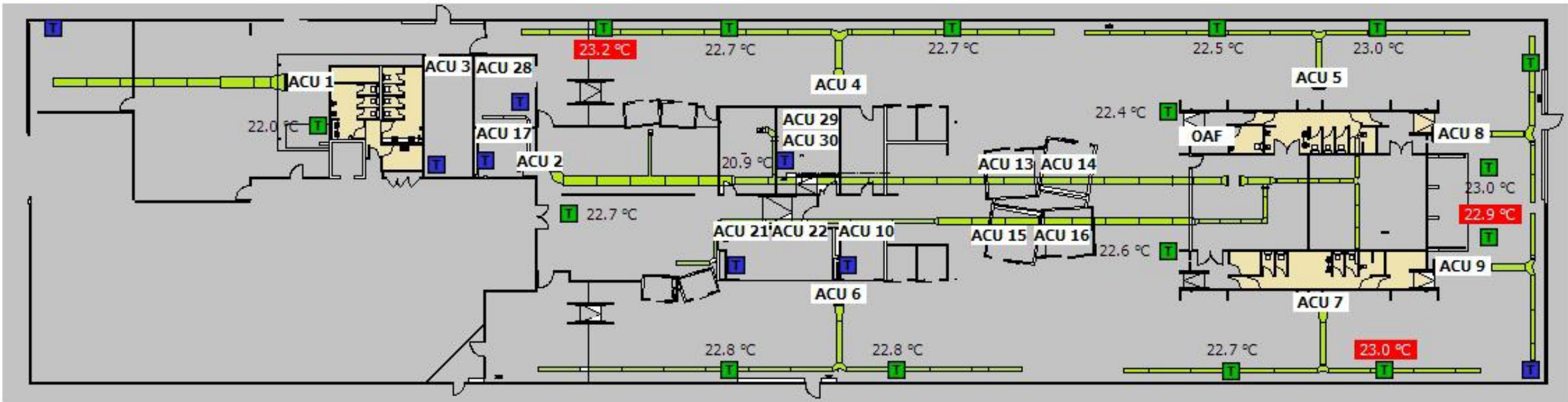




LEVEL 3



Current Time : 17-Apr-13 5:28 PM E







01-May-13 10:34 PM CDT

Current Temperature: 45.28 °F

Library/Science

AHU-1

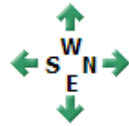
AHU-2

MAU

Chiller

Heat Exchanger

Exhaust



27/03/2013

07:06:50

VITESSE (VEHICULE) VEHICULE COUPLE
0,00 m/s 43,2 m 21,3 m 0 %Cn

NIVEAU : 0

DEFAULTS
NIVEAUX 1/2

CONDUITE

REARMEMENT

DEFAULTS
NIVEAU 0DEFAULTS
VEHICULE

MONTEE

V 1

V 2

V 3

V 4

PORTES FERMEES 

SHUNT PRET

NIVEAU 2



NIVEAU 1








NIVEAU 0



VEHICULE



-  FREIN DE SERVICE SERRE
-  FREIN DE SECURITE SERRE
-  ARRET FREIN DE SECURITE
-  ARRET FREIN DE SERVICE
-  ARRET ELECTRIQUE

SKIRAIL



SEMER

05 135




CLOS DE LA MADRAGUE

CONSIGNE : 0,75 m/s CONSIGNE +/- VITE : 0,75 m/s

MODE MAINTENANCE: CONDUITE DEPUIS PUPITRE MOTRICE



ARRET EXPLOITATION
PORTES FERMEESARRET EXPLOITATION
PORTES OUVERTES

NIVEAU 2

-  FIN DE COURSE
-  PRESENCE VEHICULE
-  NEZ DE GARE






NIVEAU 1

-  FINS DE COURSE
-  POINT FIXE



NIVEAU 0

-  NEZ DE GARE
-  PRESENCE VEHICULE
-  FIN DE COURSE

OPERATOR ID

pat

CASE ID

john karau

SAFE RUN

OVERRIDES

Master Timer

0 : 51

Afterburner

ON

C. Burner #1

00 :00

Throat Air

00 :00

Hearth Air

00 :00

Pollution Ctrl

ON

CASE INFO

Size:

Med (101-200)

Container:

Cardboard

Gender:

Male

Case # of Day:

5

DEFAULTS

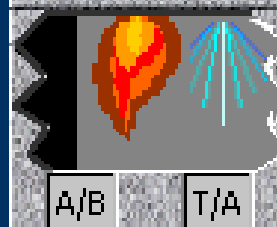
Infant

PRESET 2

PRESET 3

ELAPSED TIME 0 : 59

10 % OXYGEN



T/A

CB1

H/A

1571 Deg

Datalog Enabled

ABORT

CYCLE START

3/26/2013 8:35:42 PM

Name
Passwort
[Login](#)

Miniweb Start Page

last update 00:07.53 05.05.2

► Start page

► Remote Control

► Control Functions

► System
Diagnostics

► File Browser

Welcome on HMI_Panel

Device Status of HMI_Panel

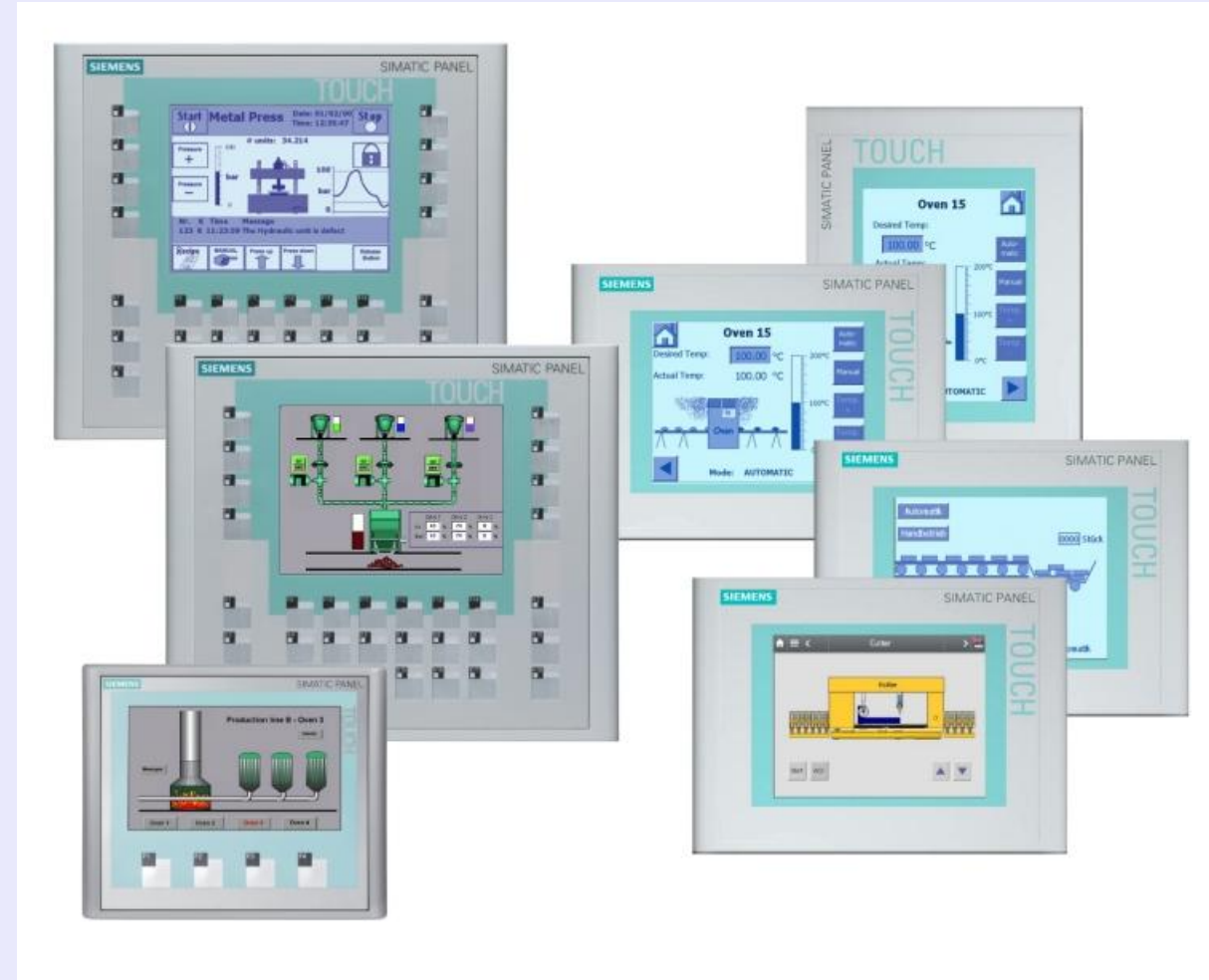
The runtime is running

General Device Information

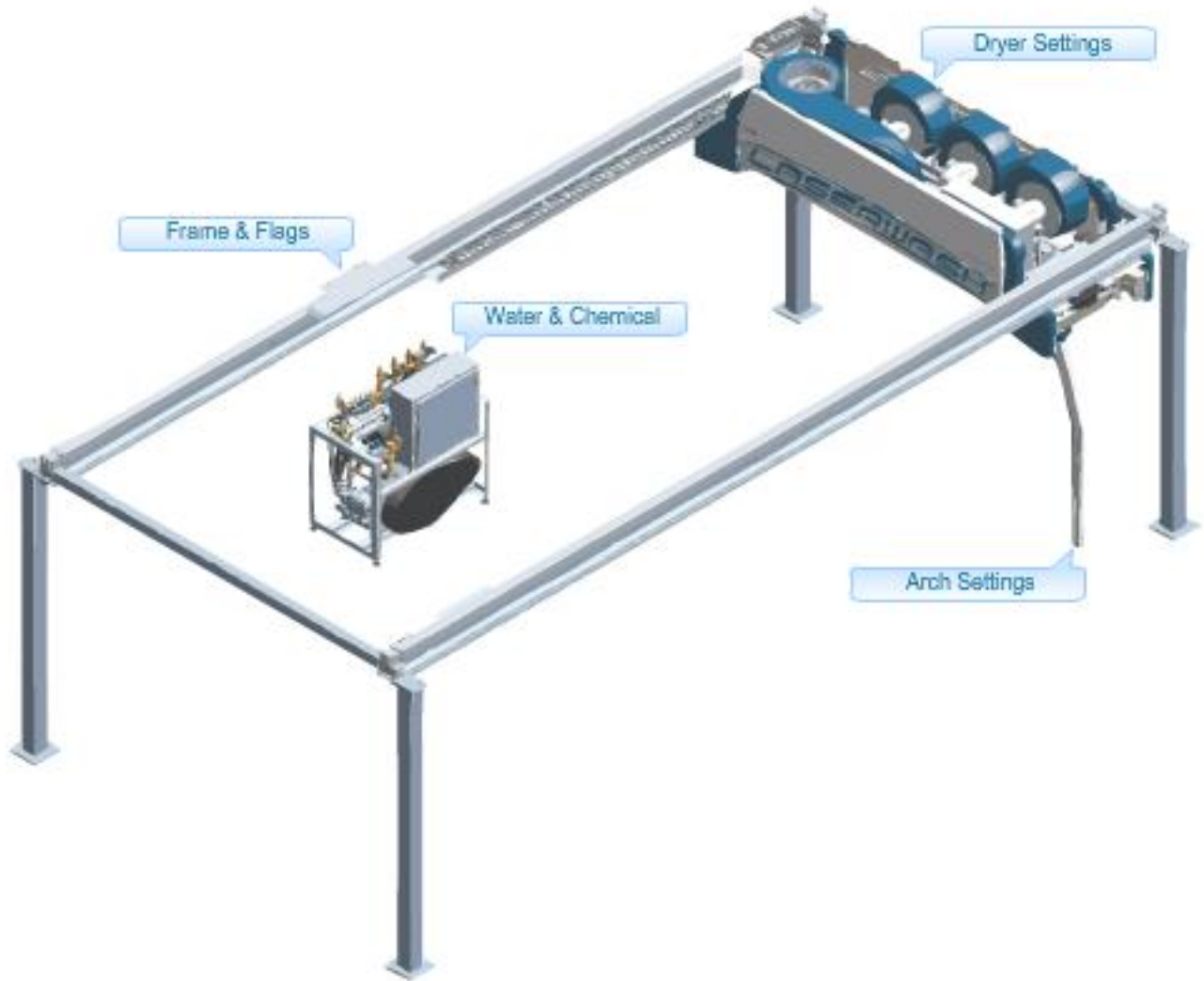
Device Type	TP 177B color PN/DP
Image version	V01.01.02.01_01.09
Bootloader version	1.02
Bootloader release date	16.4.2010
Device Name	HMI_Panel

Hint:

When the devicename contains an underscore (_) some browsers have a bug that makes it impossible to log in.
One possible solution may be to use the IP address of the device instead of the name, or to use another browser.



Abort/Recovery Options
Door Settings
Dryer Settings
Freeze Protection
Installed Options
Machine Dimensions
Machine Offsets
Timers
Water and Chemical



Nordex Control Login

☐ Certificate ☐ Secure ☒ Basic

Username

Password

Login

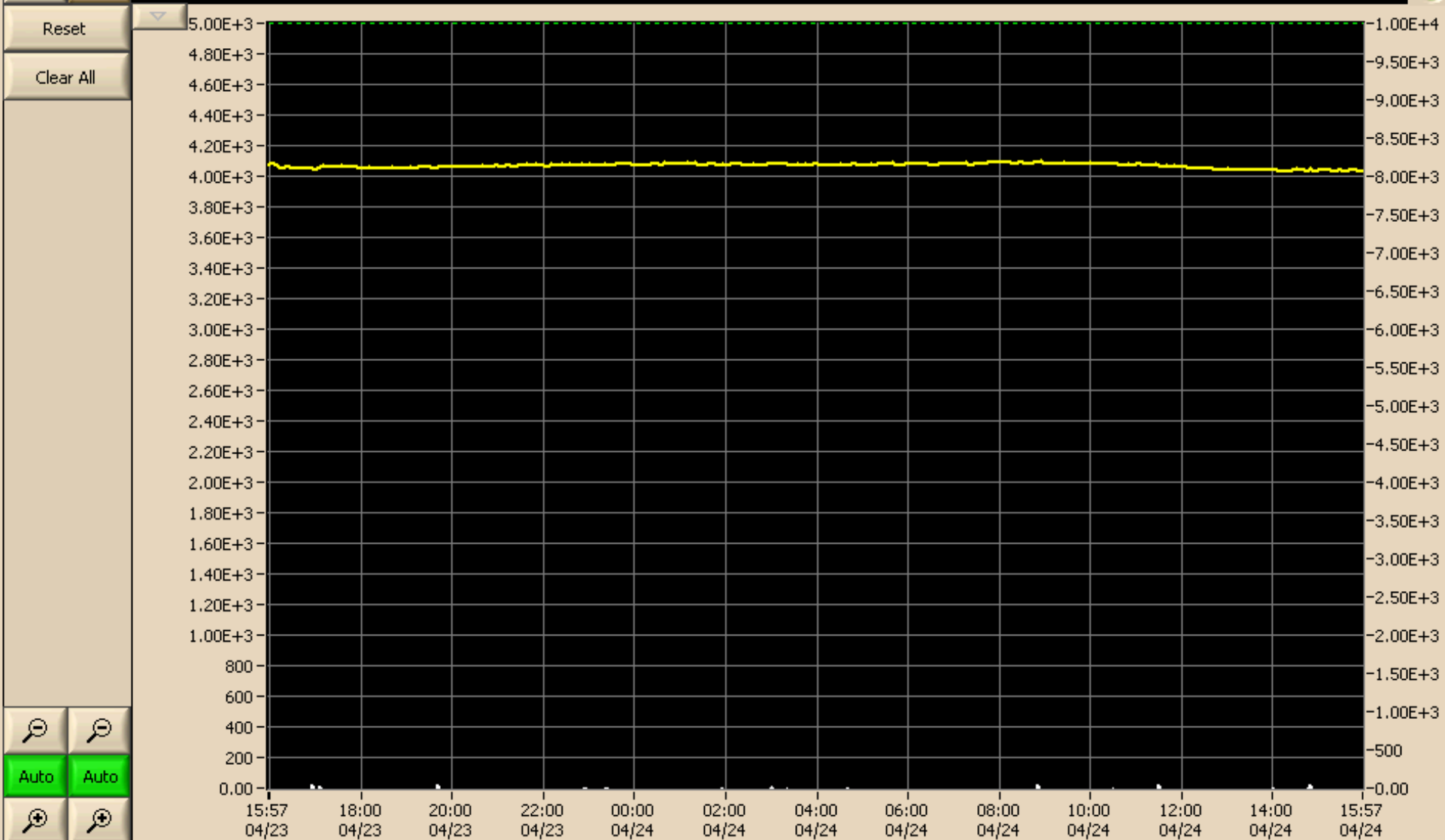
Select Language

Language

Wind Farm Total Summary	
Wind Farm Handover	15.12.2003
Number of Turbines	9 (9)
Total Production	146122.44 MWh
Data Availability	72.37 %
Availability	95.28 %
Capacity Factor	34.67 %
Mean Wind Speed	5.7 m/s



Select Axis						Alarms	Replay	Scale	Total viewed	Next		
Left												
Left												
	Rgt											



ALS Interlocked Radiation Monitors

Select Axis	Left	Right				Alarms
		Rgt			[Beam current]	499.95 mA
Left					[Beam Energy]	1.89 GeV
Left					BL2.1	0.12 mR/hr
Left					BL3.3_SS205	0.07 mR/hr
Left					BL4.0_M201	0.05 mR/hr
Left					BL4.2_MONO201	0.04 mR/hr
Left					BL5.0_SS001	0.24 mR/hr
Left					BL6.0_XS121	-0.08 mR/hr
Left					BL6.3.1_M1	-0.08 mR/hr
Left					BL7.0_SS8	-0.04 mR/hr
Left					BL7.3_EZ5	0.15 mR/hr
Left					BL8.0_SS8	0.16 mR/hr
Left					BL8.2_XS207	0.03 mR/hr
Left					BL8.2_XS209	-0.05 mR/hr
Left					BL8.3_BPM101	0.17 mR/hr
Left					BL8.3.2_HUTCH	-0.07 mR/hr
Left					BL9.0_SS2	0.17 mR/hr
Left					BL9.3_EZ3	0.21 mR/hr
Left					BL10.0_EZ106	-0.18 mR/hr
Left					BL11.0_EZ101/201	0.12 mR/hr
Left					BL11.3_EZ206	-0.01 mR/hr
Left					BL12.0_SS3	-0.03 mR/hr
Left					BL12.2_EZ201	0.12 mR/hr
Left					BL12.2_MONO201	-0.20 mR/hr
	Rgt				[BL4.0.2 in shield]	3.20 mR/hr
Left					[BL4.0.2 Neutron]	0.05 mR/hr
Left					[JH2-1 Gamma Roof]	0.04 mR/hr
Left					[JH2-1 Neutron Roof]	0.00 mR/hr
Left					[JH12-6 Gamma Roof]	-0.08 mR/hr
Left					[JH12-6 Neutron Roof]	0.02 mR/hr
Left					[SR In]	-0.06 mR/hr

Reset

Clear All

LeftRight

Verticle Scale

06:00:00

View hh:mm:ss

Quick Chart

v19c

Cyclotron

Search this site

88-Inch Cyclotron

Directory

Schedule

Beam Request

▼ User Info

New User Checklist
Safety Training

▼ BASE – Rad Effects

Heavy Ions
Protons
Neutrons
Shipping

▼ Ion Sources

VENUS
AECR
ECR

Procedures

Safety

History

Links

Directions

Webmaster

88-Inch Site Visit

88-Inch Cyclotron



The 88-Inch is a K=140 sector-focused cyclotron with both light- and heavy-ion capabilities. Protons and other light-ions are available at high intensities (10-20 μA) up to maximum energies of 55 MeV (protons), 65 MeV (deuterons), 170 MeV (^3He) and 140 MeV (^4He). Most heavy ions through uranium can be accelerated to maximum energies which vary with the mass and charge state.



The 88-Inch Cyclotron supports ongoing research programs in nuclear structure, astrophysics, heavy element studies, fundamental interactions, symmetries, and

BARRAGE DE FUMEL

Dan Tentler

Puissance T1 1173.98 kW
Ouverture Pale T1 34.84 %
Ouverture Vanne T1 39.6 %
Température Pivot T1 64.7765 °C

Puissance T2 1152.05 kW
Ouverture Pale T2 36.31 %
Ouverture Vanne T2 41.03 %
Température Pivot T2 65.0765 °C

T° palier Turbine T2 41.0 °C

T° palier Turbine T1 46.0 °C

Niveau Amont 64.7716 m
Niveau Grille 64.7972 m
Niveau Aval 57.3256 m

Production journalière Turbine 1 54280.0 kWh

Production journalière Turbine 1 de la vanne 12.0 kWh

Production journalière Turbine 2 54936.0 kWh

Production journalière Turbine 2 de la vanne 432.0 kWh

Ouverture VS1 -0.0449 %
Ouverture VS2 -0.2624 %

Consigne de niveau VS 64.84 m

Consigne de niveau Turbine 64.79 m

POSTED ON 22/01/2008 8:59

[ADD A COMMENT](#)

Dam Fumel residents want assurances

A MEETING WAS HELD YESTERDAY IN FUMEL THE FLOODS LAST FRIDAY, IN THE PRESENCE OF ALL PARTIES AND RESIDENTS.

Cow to live next to a dam. Delicate question which rested on Friday when the waters of the dam Fumel began to rise. Quickly. Very quickly. Too fast for riparian ffolés. At that point one of them even got up to 50 inches of water in his house. Some seniors even had "the fear of their lives when some electrical appliances began to crack." How to live next to a dam if you do not know what can happen. Yesterday, a meeting was organized in Fumel in the presence of all the authorities to take stock of the situation. And very soon, it seems that the appearance of criminal acts Friday has passed. This confirmed that the building manager Philippe Gronchi for "energy Fumel": "We fully recognize our responsibility and of course we will draw the consequences. This dam is an old building which dates from 1943, bought the company in 2005 Sogetec. We have already achieved more than 14 million euro investment and probe this issue, because it is a problem of probe will be resolved as soon as possible. " In the audience, listening but we are still angry. "Before, it never happened. There, that's three that we suffer floods in 9 years. You understand that we are tired all the more that we are not and never prevents as soon as the water rises, it is we who call the fire department. In addition, there are many older people who live in fear. We would like this to stop, "said a local resident.

an alarm float

Philippe Gronchi speaks again: "We had a second warning that Sunday has confirmed that this was a concern of the probe. Of course, we will soon be remedied this problem by doubling the particular

IT HAS PASSWORD PROTECTION!

I'M SAFE, RIGHT?

NOT EXACTLY





“An undocumented backdoor account exists within all released versions of RuggedCom's Rugged Operating System (ROS®). The username for the account, which cannot be disabled, is "factory" and its password is dynamically generated based on the device's MAC address.”

- Justin Clarke



Rugged Operating System v3.8.0 (Mar 05 2010 08:45)
Copyright (c) RuggedCom, 2008 - All rights reserved

System Name:	██████████
Location:	████████████████████
Contact:	Contact
Product:	RMC30-HI
Classification:	Controlled
MAC Address:	00-0A-DC-42-48-60
Serial Number:	MC30-0510-11109

Enter User Name:

Enter Password:

Login



Shodan → ICS-CERT → Owners

WHY ARE THESE THINGS ONLINE?!



[Solutions](#)[Products & Services](#)[Support](#)[Your Business](#)[Company and Careers](#)

Products

> You are here: [Home](#) > [Products & Services](#) > [Products](#) > [Web-enabled Solutions](#) > [Transparent Ready Automation](#) > [FactoryCast Web Server](#)

- [Industrial Ethernet Solutions](#)

- [Transparent Ready Automation](#)

[FactoryCast Gateway](#)[FactoryCast Web Server >](#)[FactoryCast HMI](#)[Web Designer Software](#)

- [Transparent Ready Web-Enabled Power and Control](#)
- [Transparent Ready Power Distribution Products](#)
- [Transparent Ready Lighting Control](#)

[Industrial Repair Services](#)

FactoryCast Web Server

An open automation framework based on Internet technologies.

Overview

Seamless communication between plant floor and business systems anywhere in the world!

FactoryCast™ Web Server is a set of industrial Ethernet functions for Premium™ and Quantum™ Ethernet modules, the Momentum™ ENT communication adapter, and enhanced ConneXium™ hubs, switches and transceivers. By exposing information at the source, FactoryCast eliminates proprietary barriers and allows business systems to access production data not just from anywhere on the plant floor, but from anywhere in the world. Its main capabilities include Modbus® TCP/IP for client-server messaging, I/O scanner for handling I/O devices, embedded web services for diagnostics and configuration, and a full set of Internet protocols.

Ideal for production management and other business applications, FactoryCast V3.1 software and firmware incorporate web services that provide a new and efficient way to communicate directly between control level and upper levels.

Publisher-Subscriber protocol

This open standard provides "many to many" deterministic communications, synchronization of distributed applications, global availability of reliable information, automatic discovery and reconfiguration, and optimized traffic load — all without the need for network programming.

Faulty device replacement



“

... ALLOWS BUSINESS SYSTEMS TO ACCESS
PRODUCTION DATA NOT JUST FROM
ANYWHERE ON THE PLANT FLOOR, BUT FROM
ANYWHERE IN THE WORLD.

”

- SCHNEIDER WEBSITE

TERRIBLE DEFAULT CREDENTIALS

WEAK SESSION IDS

SIEMENS SIMATIC

USERNAME: ADMINISTRATOR

PASSWORD: 100

“

IF A USER CHANGES THEIR PASSWORD TO A
NEW PASSWORD THAT INCLUDES A SPECIAL
CHARACTER, THE PASSWORD MAY
AUTOMATICALLY BE RESET TO “100”

”

- BILLY RIOS

AUTHENTICATION ALONE \neq SECURITY

NEXT FRONTIER: MEDICAL DEVICES

AFFORDABLE CARE ACT



Welcome to MedCottage

Please enter your username and password.

start ▶

GRANNY PODS

[Home](#)[About](#)[MEDCottage Features](#)[Media](#)[Distributors](#)[Investors](#)[Contact](#)[Dashboard Login](#) ▼

Family Managed Care



Wealth Preservation



Assistive Technology

MEDCottage is a Long-Term Care *Portable* Housing Option for Seniors



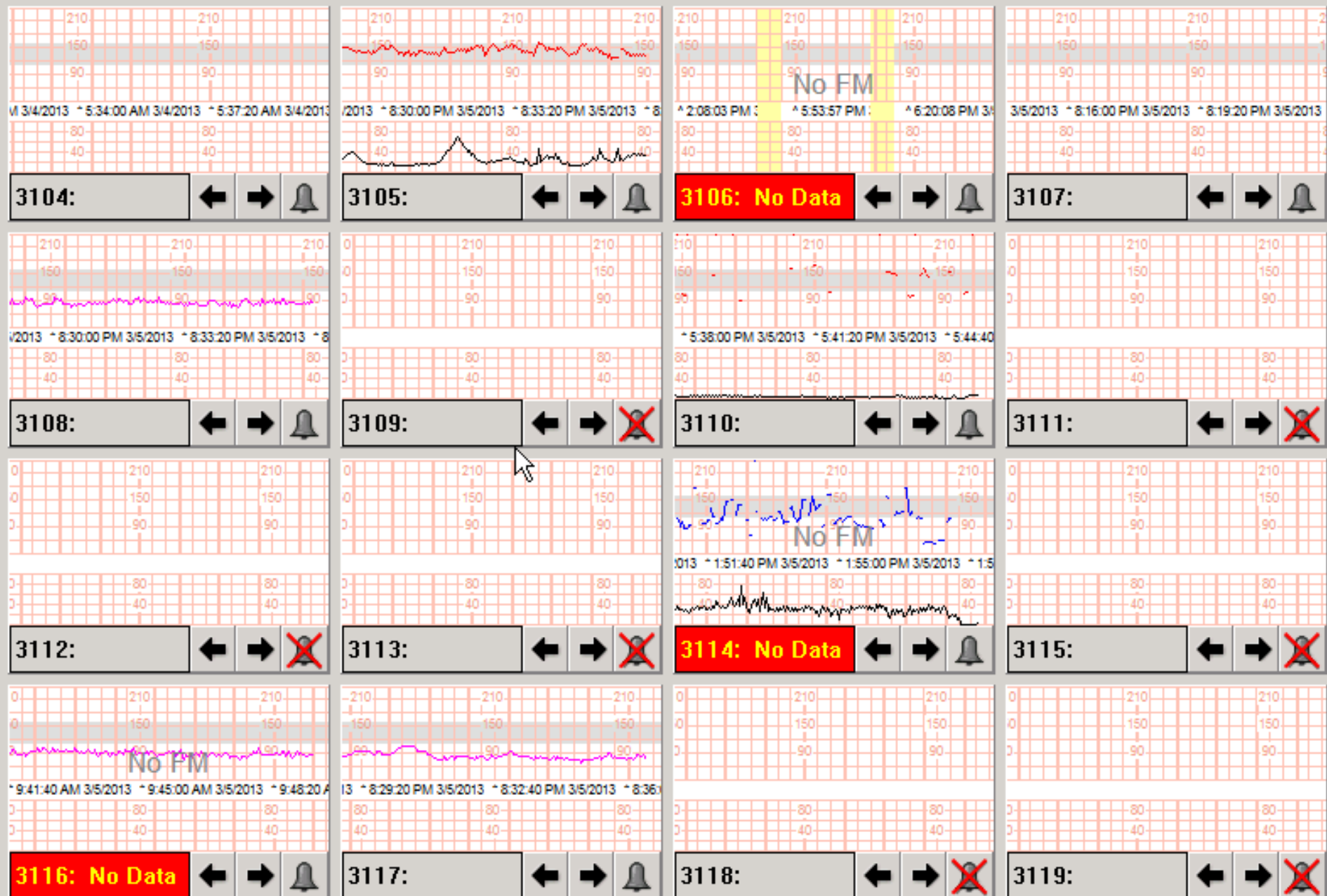
Long Term Care Housing Alternatives

The MEDCottage is a modular building which provides round-the-clock monitoring in a freestanding unit dependent on a caregiver's house. The MEDCottage efficiently combines sleeping, bathing, cooking, and living area in one of three models. A senior or disabled family member can gain some privacy and independence in a setting where state-of-the-art technology is available to monitor the occupant when needed.

GET MORE INFORMATION ABOUT MEDCOTTAGE

Fill out the form below to request more information about MEDCottage.







Introducing a breakthrough in blood glucose monitoring.

Hospital professionals have come to rely on the ACCU-CHEK Inform system for accurate point-of-care blood glucose testing.

So we asked what you wanted in a next-generation system. You said a durable meter with real wireless connectivity, more patient ID safeguards, and a test strip with no maltose limitation.

We listened.

The ACCU-CHEK Inform II:
the system *you* designed.



HIPAA VIOLATION?

WRAPPING IT UP

INTERNET IS FILLED WITH THINGS

MANY OF THEM NOT SECURE

GETTING BETTER

STILL IN GROWING PAINS

WATCH WHAT YOU PUT ONLINE!

THANK YOU