



ICS360.IAM

Identity Access Management



ICS360.IAM – WHAT IS IT?

ICS360.IAM Helps:

- Prevent local incursion to machines on the plant floor
- By requiring presentation of some form of ID
- Before interaction with the desktop is allowed

Desktop Locking

How is ICS360.IAM Different than:

- Windows Logout?
- Windows Screen Saver?

1. **Access to the Desktop is Blocked**
2. **Affects Both Mouse and Keyboard**
3. **Software and User Sessions Continue**
4. **Fast Unlock (via Badge, Pin, or Password)**

Desktop Locking

Unlocking Option

1. **RFID Badge-In (Primary)**
2. **PIN-Entry (backup approach)**
3. **User ID/Password (backup approach)**
4. **Admin Login (configuration access)**

11:37 AM

Search the web

Weather

Troy, Michigan

75 °F Mostly sunny
0% 57

Today	Fri	Sat	Sun	Mon
82° 55°	77° 56°	79° 51°	67° 46°	76° 54°

See full forecast

Suggested for you

DJI
DOW **33,286.04** -0.73%

AAPL
APPLE INC. **173.65** +0.05%

Go to watchlist

NBA

76ers **7:30 PM** May 9 Celtics

See more NBA

Outlook Calendar 9m ago

We're having trouble loading this content

There could be something happening on our end. Reload this widget to try again.

Reload

Add widgets

We're having trouble loading the news feed

There could be something happening on our end. Reload the news to try again.

Reload

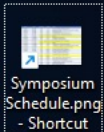
Documents

New | Cut | Copy | Paste | Delete | Sort | View

This PC > Documents

Name	Date modified	Type
.vs	4/7/2022 10:21 PM	File folder
13696_TOP_FA_OP50_WMA	4/7/2022 10:20 PM	File folder
angular-d3-graph-example-master	4/7/2022 10:39 PM	File folder
Apowersoft	4/7/2022 10:20 PM	File folder
asset groups, broken_files	4/7/2022 10:21 PM	File folder
Austin PLC issue	4/7/2022 10:21 PM	File folder
Automate Service failure at DDC	4/7/2022 10:21 PM	File folder
Automated Software Deployment	4/7/2022 10:21 PM	File folder
Camera DevStuff	4/7/2022 10:39 PM	File folder
camera sdk's	4/7/2022 10:21 PM	File folder
computer security	4/7/2022 10:21 PM	File folder
ControlLogix Manuals	9/22/2022 4:31 PM	File folder

1,514 items | 4 items selected





11:37 AM



Search the web

Weather Troy, Michigan

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Reload


Add widgets

We're having trouble loading the news feed

There could be something happening on our end. Reload the news to try again.

Reload

Welcome



Scan Badge To Unlock

Name	Date modified	Type
.vs	4/7/2022 10:21 PM	File folder
13696_TOP_FA_OP50_WMA	4/7/2022 10:20 PM	File folder
angular-d3-graph-example-master	4/7/2022 10:39 PM	File folder
Apowersoft	4/7/2022 10:20 PM	File folder
asset groups, broken_files	4/7/2022 10:21 PM	File folder
Austin PLC issue	4/7/2022 10:21 PM	File folder
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Camera DevStuff	4/7/2022 10:39 PM	File folder
camera sdks	4/7/2022 10:21 PM	File folder
computer security	4/7/2022 10:21 PM	File folder
ControlLogix Manuals	9/22/2022 4:31 PM	File folder

Widgets



11:37 AM 5/11/2023


USB Device Locking

USB/Flash Drives Present Security Issues:

- Auto-run can automatically run malware**
- Viruses can easily be transferred**

- 1. Specific USB devices can be blocked**
- 2. For all users, or only specified**
- 3. Default locking policy for new devices**
- 4. Provides easy disabling of Auto-Run**

Configuration Login



ICS360.IAM
Identity & Access Management Admin Console Login

Password

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0.3.50.0 (as of 5/8/2023 4:33 PM)

Configuration: USB Monitoring

The screenshot displays the 'USB Monitoring' configuration window in the IAM Defender application. The window title is 'USB Monitoring' and it includes standard window controls (minimize, maximize, close). On the left, a navigation pane shows 'USB Settings' as the active section, with other options like 'Lock Settings', 'Users', 'Options', and 'About'. The main area contains three sections: three checkboxes for 'Disable AutoRun on USB Drives', 'Enable USB Device Locking', and 'Monitor Storage Devices Only'; a 'Default Locking for New Devices' dropdown menu set to 'Unlocked For Admins'; and a table listing connected USB devices.

Device Name	Status	Locking Policy
HID-compliant vendor-defined device	Unspecified	Unspecified
HID-compliant vendor-defined device	Unspecified	Unspecified
Apple Mobile Device USB Composite Device	Disconnected	Unspecified
Apple iPhone	Disconnected	Unlocked For Admins
Intel(R) Wireless Bluetooth(R)	Unspecified	Unspecified
USB Composite Device	Unspecified	Unspecified
Dell ControlVault w/o Fingerprint Sensor	Unspecified	Unspecified
Microsoft Usbccid Smartcard Reader (WUDF)	Unspecified	Unlocked For Admins
Smart card filter driver	Unspecified	Unspecified
USB Composite Device	Unspecified	Unspecified
Logitech USB Input Device	Unspecified	Unspecified
HID Keyboard Device	Unspecified	Unlocked For All Users
USB Input Device	Unspecified	Unspecified
HID-compliant mouse	Unspecified	Unspecified
HID-compliant consumer control device	Unspecified	Unspecified

At the bottom of the window, there are three buttons: 'Cancel', 'Save & Close', and 'Apply'.

Configuration: Users

IAM Defender

- USB Settings
- Lock Settings
- Users**
- Options
- About

UserName	FirstName	LastName	EmployeeId	IsAdmin
admin	Dynics	Administra...	10000123	<input checked="" type="checkbox"/>
CLin	Chris	Lin	20000011	<input checked="" type="checkbox"/>
HGross	Haley	Gross	30000011	<input checked="" type="checkbox"/>
THicks	Tabitha	Hicks	40000011	<input checked="" type="checkbox"/>

Require Badge on User Record Show Unauthorized

Import Export + Edit Refresh Unauthorize User

User Database Locations

- 1. Each Installed ICS360.IAM Machine**
- 2. Shared Network Location**
- 3. DCC Managed (Client/Server)**

Configuration: Lock Settings

The screenshot shows the 'IAM Defender' application window with the 'Lock Settings' tab selected. The window is divided into a left sidebar and a main content area. The sidebar contains navigation options: 'IAM Defender' (selected), 'USB Settings', 'Lock Settings', 'Users', 'Options', and 'About'. The main content area is titled 'Lock Settings' and is organized into three sections: 'Security Policies', 'Database Settings', and a bottom action bar.

Security Policies

- Unlock Processes
 - Badge Scan Unlock
 - Manual (and badge scan) Unlock
 - Allow Duplicate Badges
- Wait Minute for System Lock
- Disable Control Panel Settings
- Disable Fast User Switching
- Activate System Lock at Logon
- Enable Diagnostic Logging

Database Settings

- Use Local Database
- Backup Database File Every Hours
- Database Location: ...
- Backup Location: ...

Action Bar

-
-
-
-

Configuration: Options

The screenshot shows the 'Options' configuration window for 'IAM Defender'. The window has a dark theme and a sidebar on the left with the following menu items: 'IAM Defender' (selected), 'USB Settings', 'Lock Settings', 'Users', 'Options', and 'About'. The main content area is divided into three sections:

- Badge Scan Device**: Contains 'Connection Types' with three checkboxes: 'USB' (checked), 'Serial (COM)', and 'TCP/IP'.
- Screen Saver Background Transparency Settings**: Contains 'Enable Transparency' (checked) and a 'Level' slider set to 100%.
- DCC Server Configuration**: Contains two input fields for 'Server Hostname or IP Address' and 'Port', and a blue 'Test Connection' button.

At the bottom of the window, there are three buttons: 'Close', 'Save & Close', and 'Apply'.

Security Event Collection

1. Each Lockout/Unlock
2. Each Badge or Login Attempt
3. USB Device Activity
4. Services Shutdown/Startup
5. Windows System Activity

Advanced Features

IAM Remote Management Features

1. **User and Device Grouping/Administration**
2. **USB Device Monitoring/Locking**
3. **Windows Service Monitoring**
4. **System Warning and Error Monitoring**

Wishlist/Future Enhancements

Future Possible Roadmap items

1. **Multi-monitor locking (recently added)**
2. **View/Configure Antivirus Status**
3. **File Whitelisting (like SolidCore)**
4. **Push Remote IAM Software Updates**
5. **Other Authentication Hardware?**

Thanks for your time, any questions?

Jim Blaney

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