Tiger-Team-1337

Monday, January 18, 2021

KACO XP100U HMI Credential Leak Vulnerability

Date: 2021-01-18

Author: Kevin2600

CVE: CVE-2021-3252

Version: XP-JAVA 2.0

Vendor: https://kaco-newenergy.com

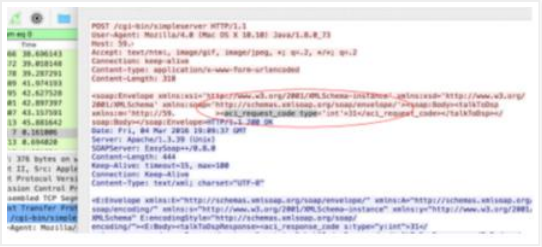
Attack Vector:

The correct credentials will be returned in plain-text from the local server, during the authentication process. Regardless of whatever the passwords have been provided.

Reproduce Steps:

1: Sniffing the authentication process of XP100U by using Wireshark or TCPDump.

2: A request "aci_request_code type='int'>31<" is sent by XP100U Client.



3: By reversing the java application, we can found that code 31 is used for GET_PASSWORD. And the funny part is this request actually send to the local server.

Blog Archive

May 2022 (1)
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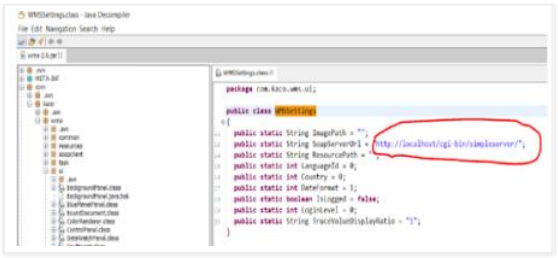
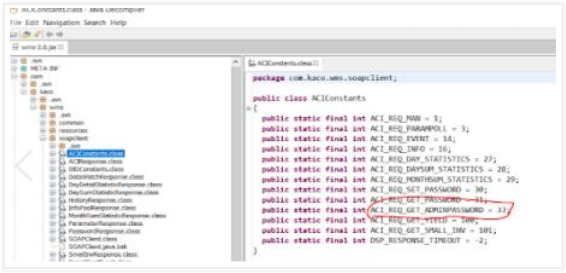
Report Abuse

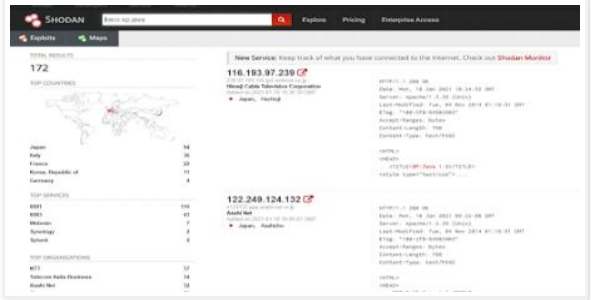




4: And regardless of whatever the passwords have been provided. The correct credentials will always be returned in PLAIN-TEXT.

Impact-Level:

From search engine Shodan. Currently, around 172 devices exposed to the public on the Internet.



Vendor Response:

The Vendor KACO has been contacted. However no response from them :(

Reference:

https://us-cert.cisa.gov/ics/alerts/ICS-ALERT-15-224-01

at January 18, 2021

8 comments:

annisalim May 28, 2021 at 7:56 PM

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CrownQQ Agen BandarQ June 29, 2021 at 1:33 PM

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nandin September 13, 2021 at 3:57 PM

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AGEN TOGEL DAN SLOT TERPERCAYA November 13, 2021 at 6:08 AM

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Hadiah Prize 4D (Tidak Ada 3D 2D) =
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Started Prize : 55 Ribu (Hanya 4D)
Consolation : 25 Ribu (4D)
Prize di bayar pada Prize tertinggi saja dan tidak berlaku KELIPATAN.
Hadiah akan masuk ke Akun Setelah Result Pasaran.
PRIZE I NORMAL DISKON 65% HADIAH x 3000 (4D)

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• ALTERNATIF TT4D

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LOADED ATM CARDS WITH VSPW W.W.W December 29, 2021 at 9:16 PM

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hackers and programmers December 30, 2021 at 10:16 PM

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Reply

Antonio Rainey January 1, 2022 at 9:10 PM

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Reply

Aaaaccounting May 8, 2022 at 11:57 PM

The article was up to the point and described the information very effectively. Thanks to blog author for wonderful and informative post.
tax consultant in barking

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