# CVE-2021-37381

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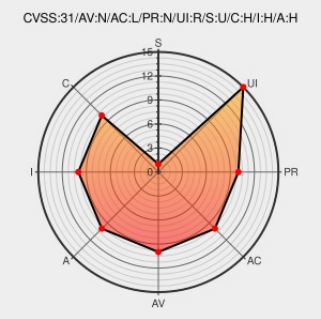
## CVE-2021-37381

Source: Mitre | Source: NIST | CVE.ORG | Print: PDF




Certain versions of Graduate Management Information System from Southsoft contain the following vulnerability:

Southsoft GMIS 5.0 is vulnerable to CSRF attacks. Attackers can access other users' private information such as photos through CSRF. For example: any student's photo information can be accessed through /gmis/(S([1]))/student/grgl/PotoImageShow/?bh=[2]. Among them, the code in [1] is a random string generated according to the user's login related information. It can protect the user's identity, but it can not effectively prevent unauthorized access. The code in [2] is the student number of any student. The attacker can carry out CSRF attack on the system by modifying [2] without modifying [1].

CVE-2021-37381 has been assigned by cve@mitre.org to track the vulnerability - currently rated as HIGH severity.

### CVSS3 Score: 8.8 - HIGH

| Attack Vector | Attack Complexity | Privileges Required | User Interaction |
|---|---|---|---|
| NETWORK | LOW | NONE | REQUIRED |
| **Scope** | **Confidentiality Impact** | **Integrity Impact** | **Availability Impact** |
| UNCHANGED | HIGH | HIGH | HIGH |

### CVSS2 Score: 6.8 - MEDIUM

| Access Vector | Access Complexity | Authentication |
|---|---|---|
| NETWORK | MEDIUM | NONE |
| **Confidentiality Impact** | **Integrity Impact** | **Availability Impact** |
| PARTIAL | PARTIAL | PARTIAL |

### CVE References

| Description | Tags | Link |
|---|---|---|

| | | |
|---|---|---|
| poc_information/southsoft_GMIS.txt at main · caiteli/poc_information · GitHub | github.com text/html | MISC github.com/caiteli/poc_information/blob/main/southsoft_GMIS.txt |
| letter of thanks · Issue #1 · caiteli/poc_information · GitHub | github.com text/html | MISC github.com/caiteli/poc_information/issues/1 |

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There are currently no QIDs associated with this CVE

## Known Affected Configurations (CPE V2.3)

| Type | Vendor | Product | Version | Update | Edition | Language |
|---|---|---|---|---|---|---|
| Application | Southsoft | Graduate Management Information System | 5.0 | All | All | All |

cpe:2.3:a:southsoft:graduate_management_information_system:5.0:*:*:*:*:*:*:*

No vendor comments have been submitted for this CVE

## Social Mentions

| Source | Title | Posted (UTC) |
|---|---|---|
| @CVEreport | CVE-2021-37381 : Southsoft GMIS 5.0 is vulnerable to CSRF attacks. Attackers can access other users' private inform… twitter.com/i/web/status/1… | 2021-08-06 13:03:15 |
| @threatmeter | CVE-2021-37381 Southsoft GMIS 5.0 is vulnerable to CSRF attacks. Attackers can access other users' private informat… twitter.com/i/web/status/1… | 2021-08-07 07:14:00 |

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**CVE.report and Source URL Uptime Status status.cve.report**