Baicells Nova 430H eNodeB flaw can cause temporary service disruption (CVE-2026-96274)



CISA reports that Baicells Nova 430H eNodeB devices up to BaiBLQ_3.0.12 can be disrupted by a malformed message from a nearby unauthenticated device. CVSS v3 score is 7.4.

- Affected: Nova 430H eNodeB (model pBS3101SH), versions up to and including BaiBLQ_3.0.12.
- CVE-2026-96274 is an uncaught exception issue with a CVSS v3 score of 7.4.
- An unauthenticated device within radio range can send a malformed uplink message with an invalid NAS payload during connection setup.
- The eNodeB does not validate the payload and forwards it to the core network, which can shut down the cell's signaling association.
- Impact is a temporary service disruption until the eNodeB and core network reconnect.

CISA has published an industrial control systems advisory on the Baicells Nova 430H, an eNodeB used in cellular networks. The product is listed under the Communications and Information Technology sectors, deployed worldwide, with the vendor headquartered in the United States.

What the issue is

The flaw is tracked as **CVE-2026-96274** and carries a CVSS v3 score of 7.4. It affects the Nova 430H eNodeB, model pBS3101SH, in versions up to and including BaiBLQ_3.0.12.

During connection setup, an unauthenticated device within radio range can send a malformed uplink message containing an invalid NAS payload. The eNodeB does not properly validate that payload and passes it on to the core network. This can cause the signaling association for the cell to shut down.

Impact

The result is a temporary denial of service. Service for the cell is interrupted until the eNodeB and the core network re-establish connectivity. The source does not describe data theft or code execution.

What to do next

Organisations that operate or depend on private or managed cellular infrastructure should first confirm whether this model is in use and which firmware it runs. The source excerpt does not state a fixed version or vendor mitigation, so review the full CISA advisory and Baicells communications for remediation guidance before planning changes.

What to do now

1. Check asset inventories for Baicells Nova 430H eNodeB units, model pBS3101SH, and record their firmware versions.
2. Treat versions up to and including BaiBLQ_3.0.12 as affected and prioritise them in vulnerability tracking.
3. Read the full CISA advisory and contact Baicells or your integrator for fixes or mitigations.
4. Confirm with your mobile network operator or integrator how a cell outage would affect critical services, and review fallback arrangements.
5. Monitor for repeated signaling shutdowns or unexplained cell restarts and escalate them through incident handling.