

FAQ Nx70 - Messaging "19 monitor dropout of base stations and DECT managers"

Introduction

From software 2.47 the Nx70 can inform the Alarm server when the following happens:

1. Broken connection between the DECT base-station and the DECT manager
 2. DECT base station out of sync
 3. Broken connection between DECT manager and Integrator
- Defined time after which messages are sent to the Alarm server, can be changed via provisioning. **Default value:** 9 minutes, range: 60s-3600s
 - Value 0 means that no messages are sent.

Auto-provisioning

```
<?xml version="1.0" encoding="UTF-8"?>
<provisioning version="1.1" productID="e2">
  <nvm>
    <!-- 60 seconds -->
    <param name="AmlGlobal.0.DropoutNotificationTimeout" value="60"/>
  </nvm>
</provisioning>
```

Notifications

What kind of notification to expect:

For performance reasons, notification are collected together to single mqtt message payload

dect managers notification

```
xxl/as-agent/system/as-agent/noti/dmStatus {"payload":[{"id":"dm1","status":"up"}, {"id":"dm2","status":"up"}]}
xxl/as-agent/system/as-agent/noti/dmStatus {"payload":[{"id":"dm1","status":"down"}, {"id":"dm2","status":"down"}]}
```

base stations notification

```
xxl/as-agent/system/as-agent/noti/bsStatus {"payload":[{"id":"7c2f80e0d690","status":"up"}, {"id":"7c2f801a000b","status":"up"}]}
xxl/as-agent/system/as-agent/noti/bsStatus {"payload":[{"id":"7c2f80e0d690","status":"down"}, {"id":"7c2f801a000b","status":"down"}]}
```

Additional notes

Statuses are checked every 10 seconds, so it may happen that notification is generated after "DropoutNotificationTimeout" + 10 seconds.