



This PDF is generated from authoritative online content, and is provided for convenience only. This PDF cannot be used for legal purposes. For authoritative understanding of what is and is not supported, always use the online content. To copy code samples, always use the online content.

Genesys Pulse Deployment Guide

Embedded to Genesys Pulse Microservices

12/19/2025

Embedded to Genesys Pulse Microservices

These microservices are responsible for monitoring Advanced Alerts, configured in Genesys Pulse, and sending the information to Formula Processor, StatServer Data Provider, and AlertProcessor microservices for further processing.

The following microservices have to be started in the embedded mode:

- LayoutWatcher
- WidgetWatcher
- MeasureWatcher
- UserPermissions

In order to enable a particular service, the corresponding configuration options must be configured in the Genesys Pulse Application object. Changes to these options take effect after the Genesys Pulse restart.

For embedded LayoutWatcher the options are:

- **[layout-watcher]/enabled** - to enable embedded version in Genesys Pulse. The default value is **false**.
- **[layout-watcher]/port** - to specify gRPC port. The default value is **50051**.
- **[layout-watcher]/db_polling_interval** - to specify interval in ms for polling database. The default value is **5000**.

For embedded WidgetWatcher the options are:

- **[widget-watcher]/enabled** - to enable embedded version in Genesys Pulse. The default value **false**.
- **[widget-watcher]/port** - to specify gRPC port. The default value is **50052**.
- **[widget-watcher]/db_polling_interval** - to specify interval in ms for polling database. The default value is **5000**.

For embedded MeasureWatcher the options are:

- **[measure-watcher]/enabled** - to enable embedded version in Genesys Pulse. The default value **false**.
- **[measure-watcher]/port** - to specify gRPC port. The default value is **50053**.
- **[measure-watcher]/db_polling_interval** - to specify interval in ms for polling database. The default value is **5000**.

For embedded UserPermissions the options are:

- **[pulse-user-permissions]/enabled** - to enable embedded version in Genesys Pulse. The default value **false**.
- **[pulse-user-permissions]/port** - to specify gRPC port. The default value is **50054**.
- **[pulse-user-permissions]/cache_max_size** - to specify max size of cache. The default value is

10000.

- **[pulse-user-permissions]/cache_expire_timeout** - to specify expire timeout for cache in seconds. The default value is **1200**.