

empower<sup>®</sup>  
Rollout  
Strategies



# Agenda

**01** Setup

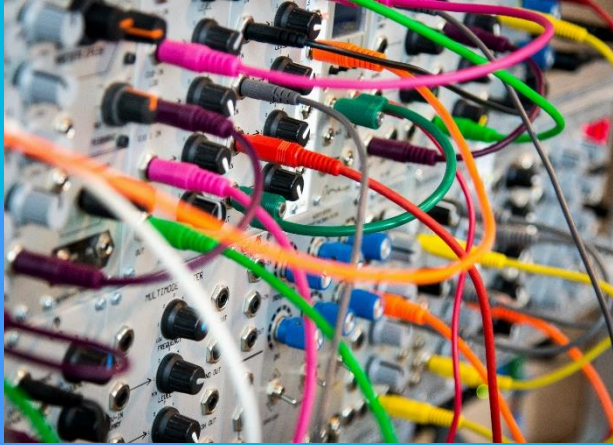
**02** Rollout Strategies

01

Setup



# Setup Overview



## Installation package

per Machine or per User



## Auto-Updater

Installation auto-updater



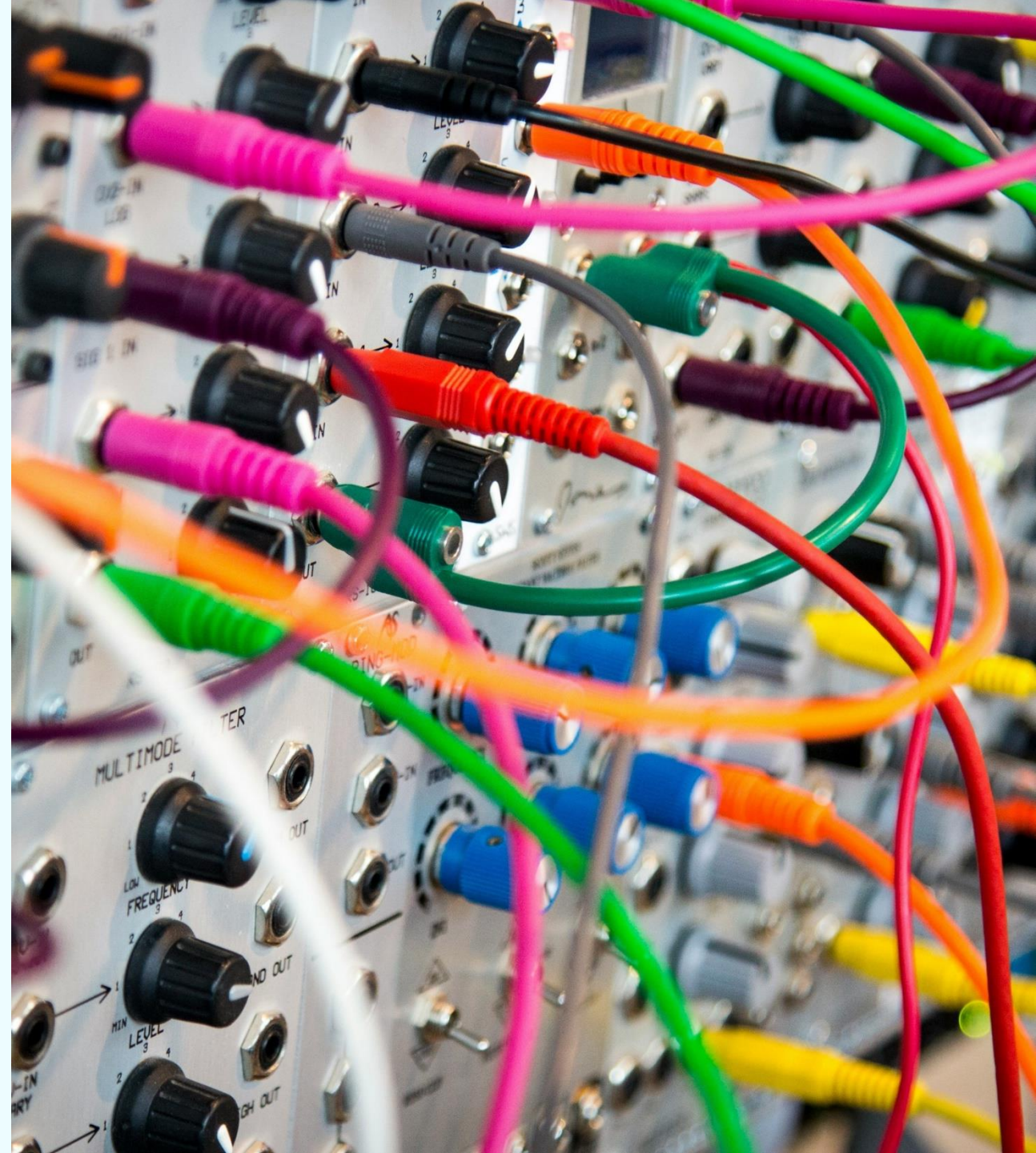
## Load Balancing

Load balancing available for empower® 9.3 and upwards

# Setup – Installation Package

The first step is to prepare an installation package. A distinction is made here between **per Machine** and **per User**. The per User installation is recommended for environments in which the **users install empower® themselves** on their computer. The per Machine installation is recommended for software management **in the case of distribution by IT**. In this case, empower® is installed for the respective computer.

The only difference between the **installation packages** is the **different .msi file** that is executed. Furthermore, the installation package contains a payload folder in both variants. This contains important files for the complete installation of the software.



# Setup – Auto-Updater

To ensure that the client version of empower® is continuously updated, the auto-updater can be installed during the initial installation of empower®.

However, this is only available for the **per User version**. If the client is configured for auto updates, the auto-updater is started each time the system is restarted and regularly checks whether new updates are available. If this is the case, **the client is updated automatically**.



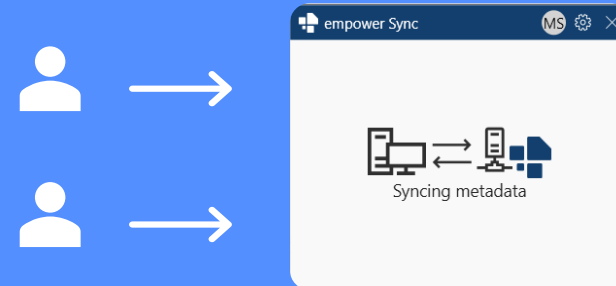
# Setup – Load Balancing

To **avoid overloading the backend**, it is important that not all clients try to synchronize with the backend at the same time. This is what load balancing is for.

Load balancing **can be used from empower® version >= 9.3**. It prevents the backend from being overloaded by too many clients synchronizing at the same time.

Example:

Client starts sync, synchronization immediately possible



The third client must wait because the maximum number of parallel synchronization processes has been reached



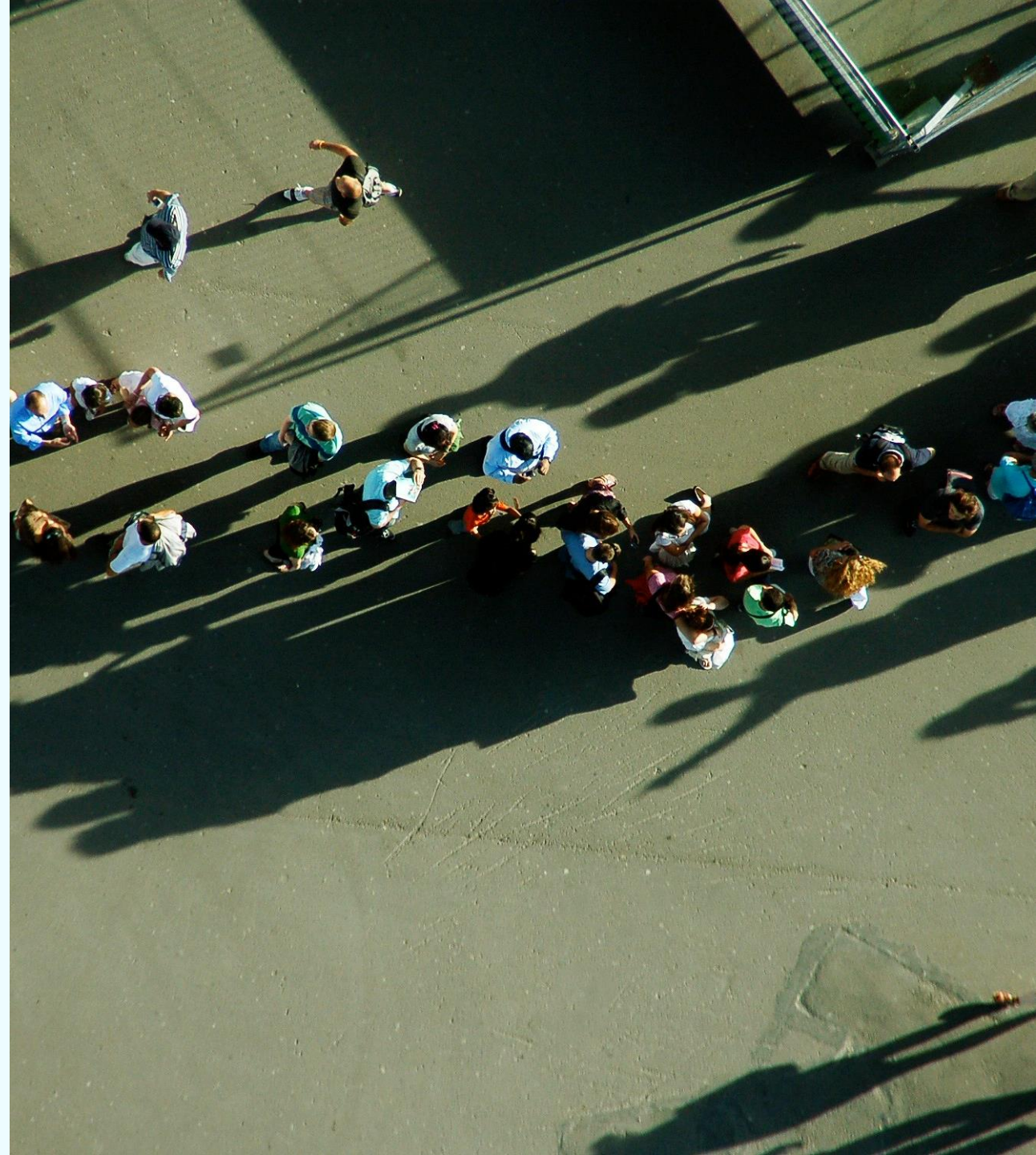
# Setup – Load Balancing

The settings for load balancing are made in the backend setup.

If required, further information on load balancing can be requested.

If you host in the empower® Cloud, we automatically adopt the appropriate setting.

Despite the load balancing, we recommend rolling out in waves to avoid longer waiting times for the clients. Load balancing is available from empower® version 9.3.





02

## Rollout Strategies



# Rollout Strategies Overview



## Waves

Gradual and controlled



## Pilot

Rollout after testing



## Big Bang

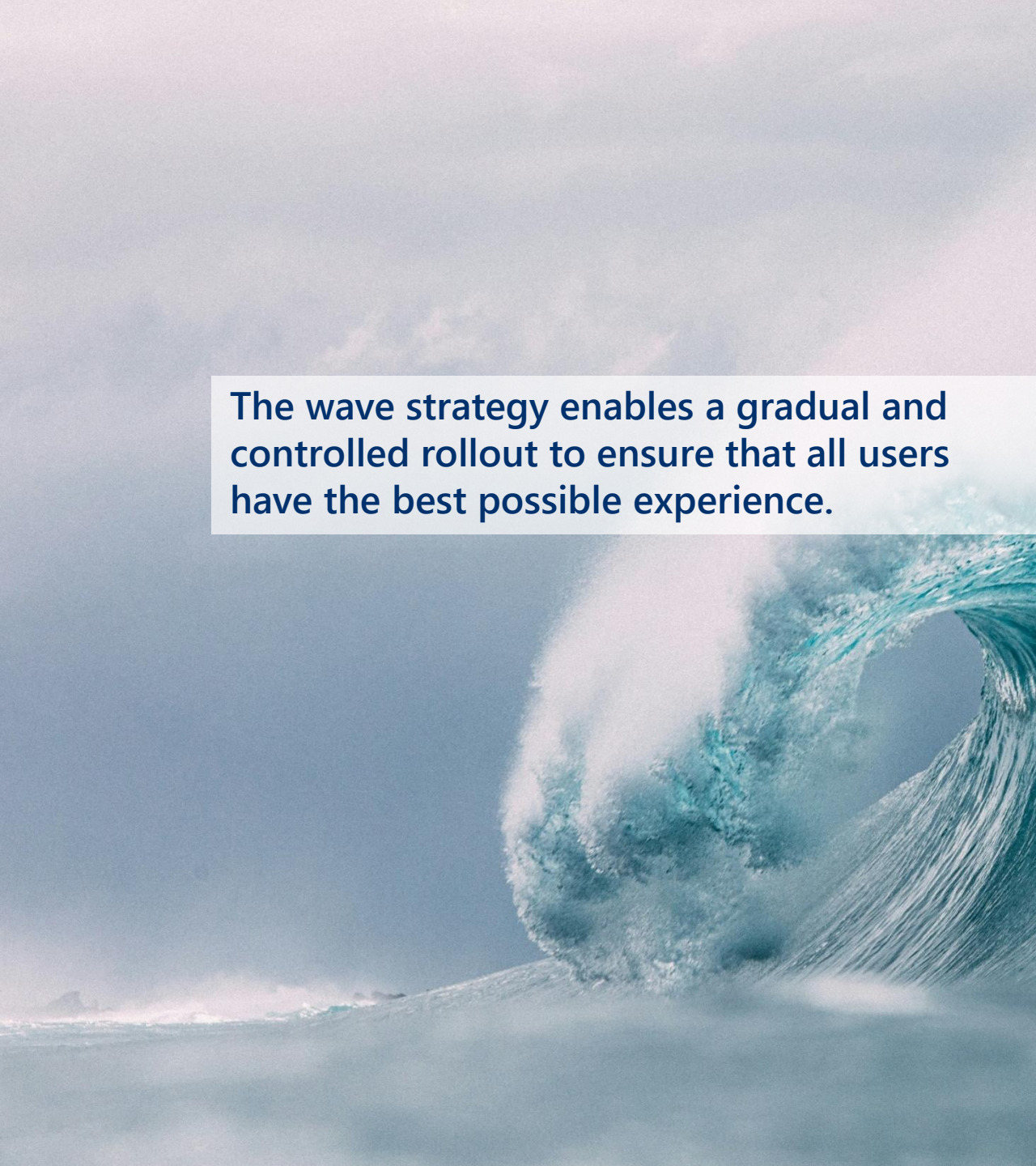
Fast but risky

# Rollout Strategies

## Waves

1. The group of people (wave) that is to receive the software first is defined.
2. Possible problems are identified and rectified.
3. The next group of people (wave) receives the software. This step is repeated until everyone has received the software.

Recommended number of users: from 1,000




**The wave strategy enables a gradual and controlled rollout to ensure that all users have the best possible experience.**

# Rollout Strategies

## Pilot

1. The pilot group that is to test the software intensively is defined.
2. Possible problems are identified and rectified.
3. The software is then gradually rolled out to other groups and/or departments.

Recommended number of users: from 1,000




The pilot strategy makes it possible to test the software in a controlled environment, recognize potential problems at an early stage and rectify them to ensure a smooth introduction.

# Rollout Strategies

## Big Bang

The software is distributed directly to all users. As all users are directly affected by the change, intensive preparation and extensive testing are necessary to ensure that the software works smoothly and that potential problems can be resolved in advance.

Recommended number of users: max. 1,000



The big bang strategy is a risky but potentially fast way of distributing software. It is important to bear in mind the high load that occurs all at once.

**empower** 