

Why choose chlorine dioxide fumigation?

1. Efficacy

- Complete **biocidal spectrum**:
ClO₂ kills all types of micro-organisms, including spores, bacteria, yeasts, molds, viruses, ...
- Perfect **distribution**:
ClO₂ acts as an ideal gas and will hence uniformly fill the space till the smallest crevices
- Accurate **process control**:
Due to its yellow-green colour, chlorine dioxide is accurately measured with a spectrophotometer. Throughout the decontamination process, the concentration of and the accumulated exposure to chlorine dioxide is continuously monitored.

2. User Friendly

- **Material compatibility**: Chlorine dioxide has a relatively low oxidation (corrosion) potential, meaning that it is a more selective agent and that it will be gentle for materials. Its corrosion potential is 0,95 V (compared to 1,78 V for hydrogen peroxide and 2,07 V for ozone)
- **Quick turn-around time**: Short exposure and aeration times
- **Volume independent** : The same parametric process up to multiple thousand cubic meter.
- **Safe**: Not explosive at used concentrations and non-carcinogenic.





DECONTAMINATION EQUIPMENT

- Executed by customer and/or Decon-O-Logic
- Mobile or intergrated
- Fully automated device
- Versatile generator incl. analyzer
- Parametric release
- Suited for volumes up to 2000 m³/ unit
- Data logging
- Dimensions (cm) 76 W x 142 H x 61 D



✓ DECONTAMINATION SERVICES

- Executed by Decon-O-Logic
- Routine or single event
- Proactive decontaminations or emergencies
- 0,1 m³ up to 100.000 m³ (and more)
- Log 6 spore reduction guaranteed through parametric release
- Demonstrated efficacy, eg with BI's consisting of 10⁶ *Geobacillus stearothermophilus* spores

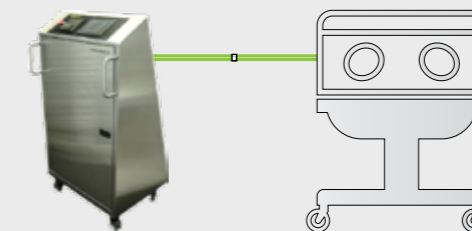


APPLICATIONS

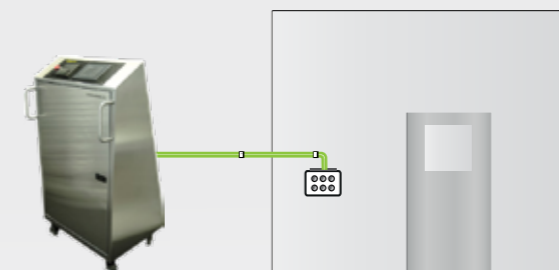
- Laboratories, clean rooms, pharmaceutical manufacturing areas, food processing areas, processing equipment, isolators, BSC's, ..



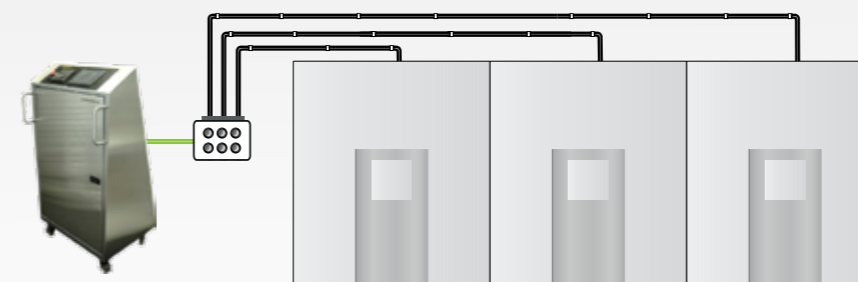
APPLICATIONS



Equipment decontamination:
isolators, BSC's, ...

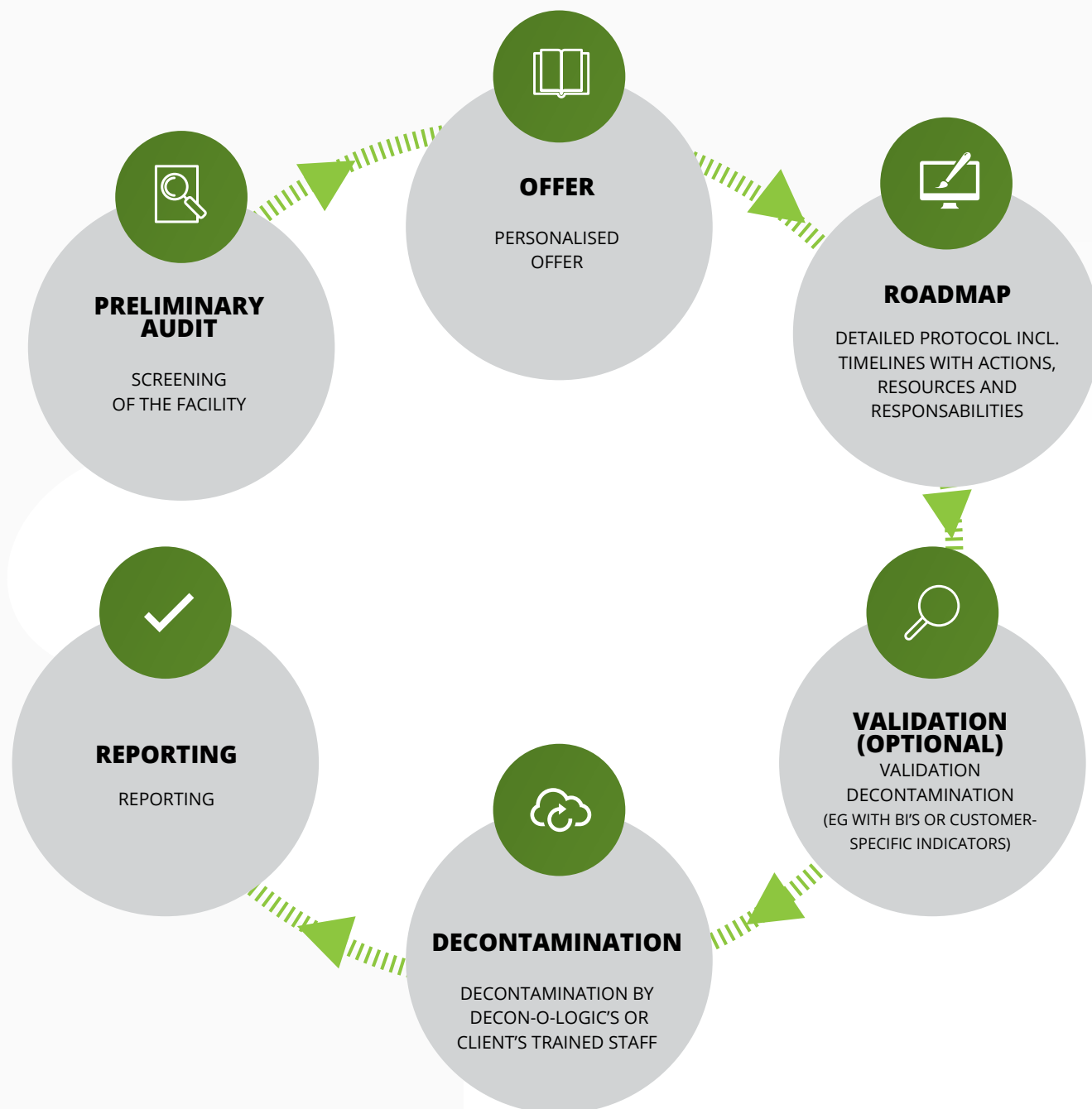


Individual decontamination of rooms, laboratories, manufacturing areas, ...



Simultaneous or individual decontamination of rooms, laboratories, manufacturing areas, ...

APPROACH



Let us tell you more about the performance of chlorine dioxide

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DECON-O-LOGIC

Brings decontamination to a higher level.

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