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Оборудование Nortroll для обнаружения мест повреждений в воздушных и кабельных сетях 6-400 кВ

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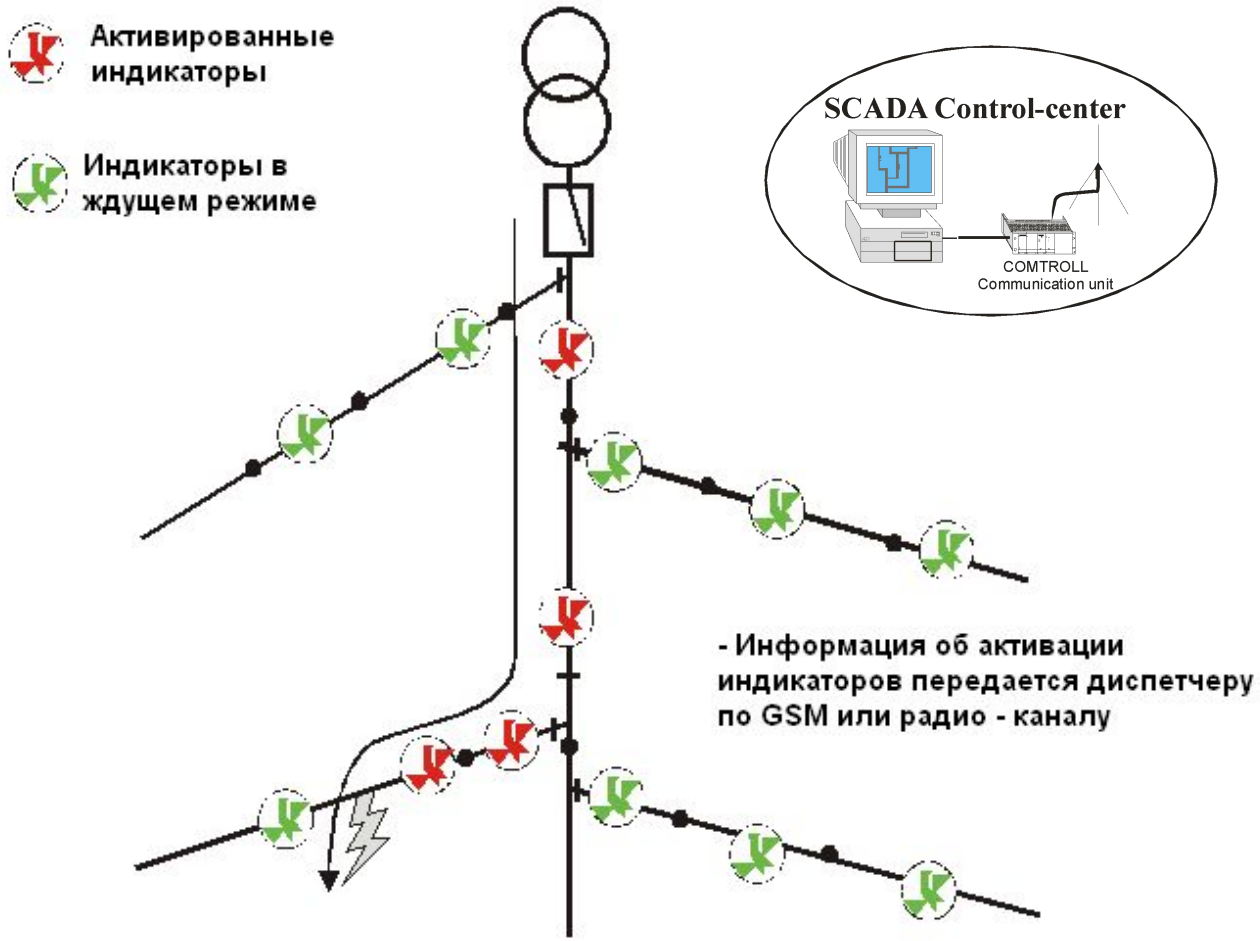
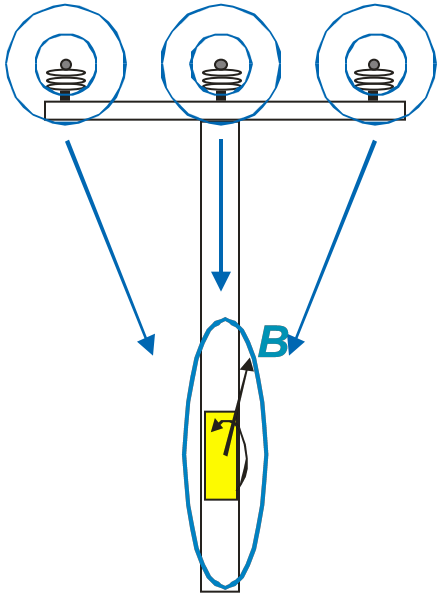
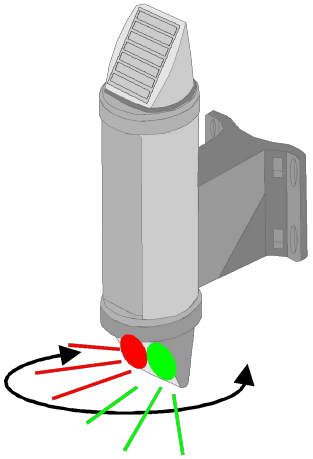
Аварийная ситуация в сети

Локализация места повреждения

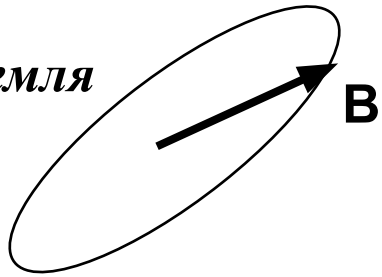


Принцип работы

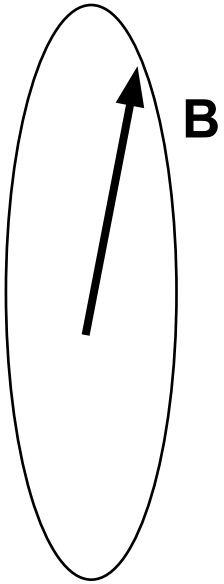




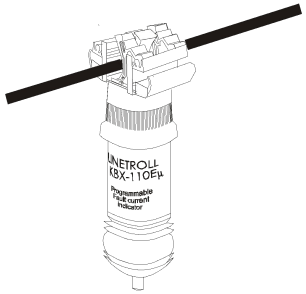
Фаза-земля
Io =>

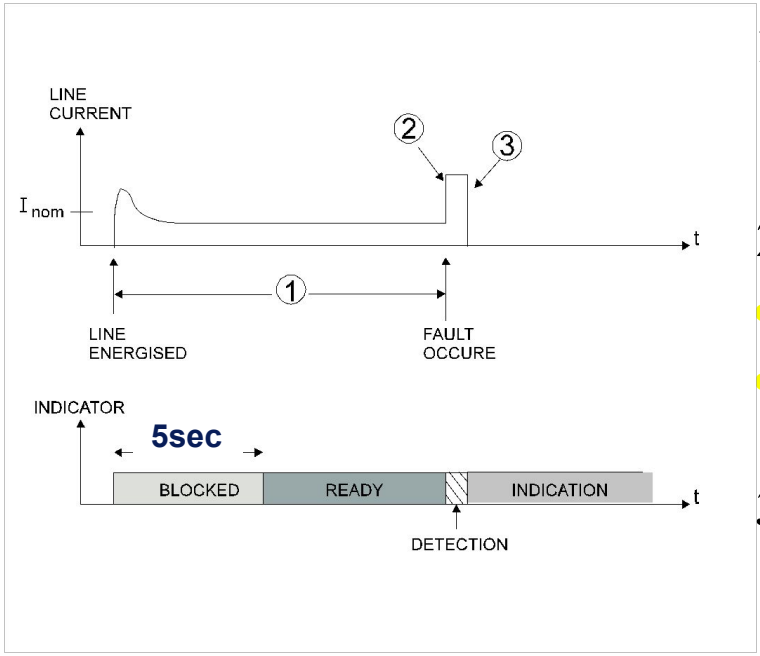


Фаза-фаза
I>> =>



Критерий запуска



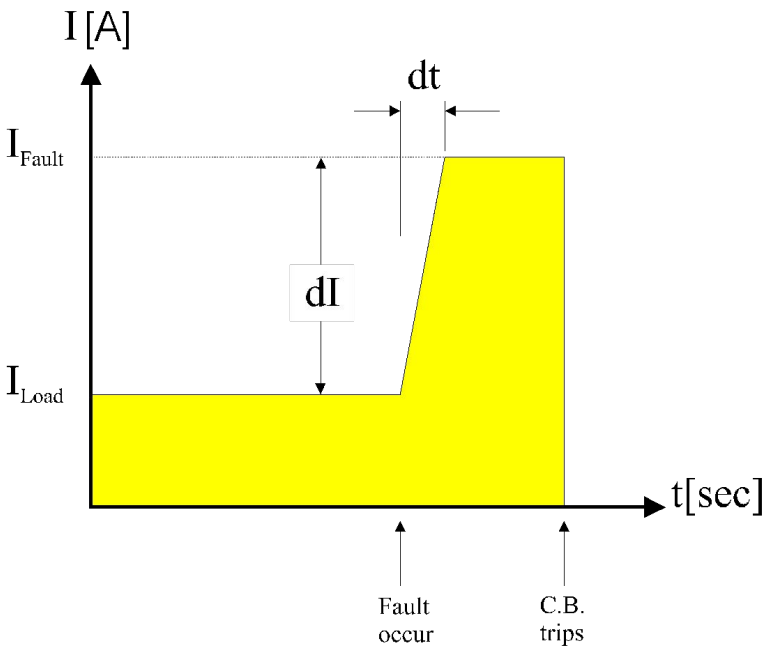


1. **Исключение емкостных токов:**
   Линия должна быть под напряжением мин. 5 сек
2. **Токи КЗ >**
   - **dI/dt (20 мсек) или I>I max**
   - **(с учетом токов емкостного разряда)**
3. **Линия отключается в течение 3 сек после КЗ (критерий может быть снят)**

Уровни срабатывания:

- **Di/dt:**

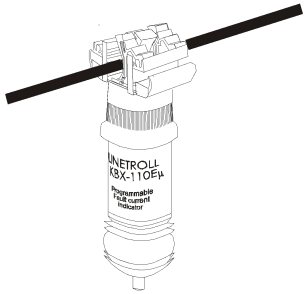
  (2,5) 6, 12, 25, 60 or 120A



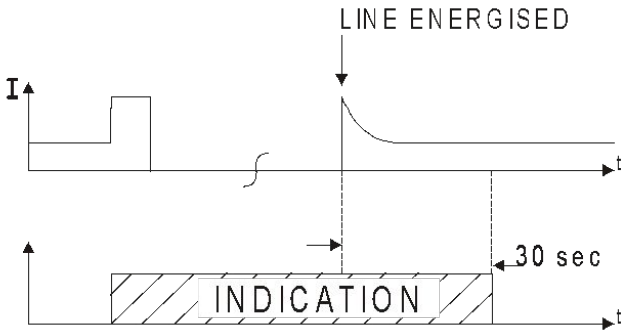
- **I max:**

  250, 500, 750 or 1000 A

Критерий перезапуска



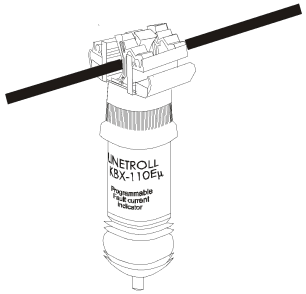
- **Автоматически:**
  ток или напряжение



- **По таймеру:**
  2, 6, 12 или 24 час.

- **Ручной:**
  с помощью магнита

Батарея



KBB-11: 1 D-типа батарея

Тип: Lithium/Thionyl (Li/SCl_2)

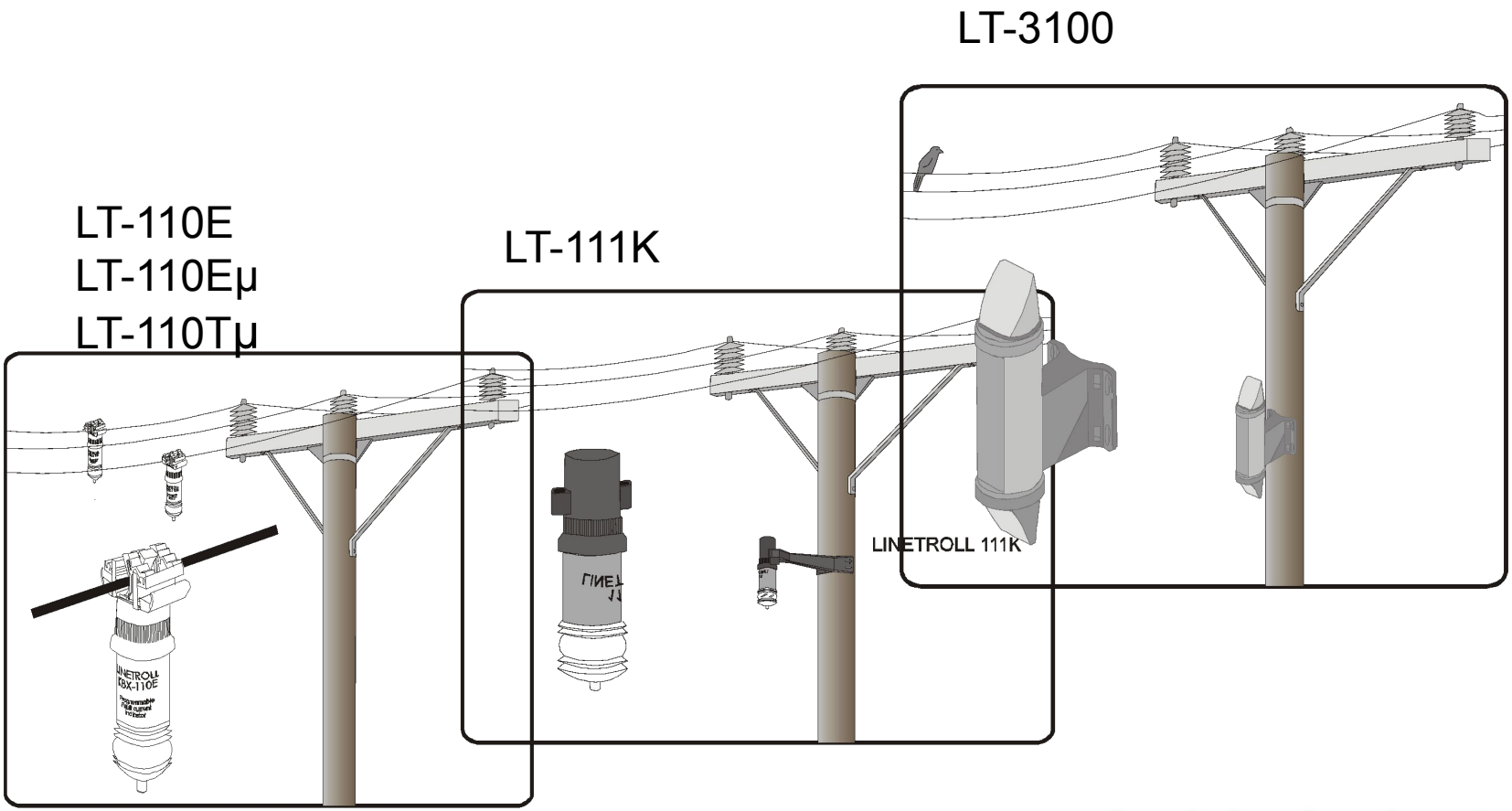
U ном.: 3,6V

Емкость: 16.5 Ah @ 5mA, 20ºC, 2.0Vcut off *

1800 часов индикации

*** Срок службы: 9 лет**

Индикаторы для воздушных линий



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Индикаторы для подземных кабельных линий

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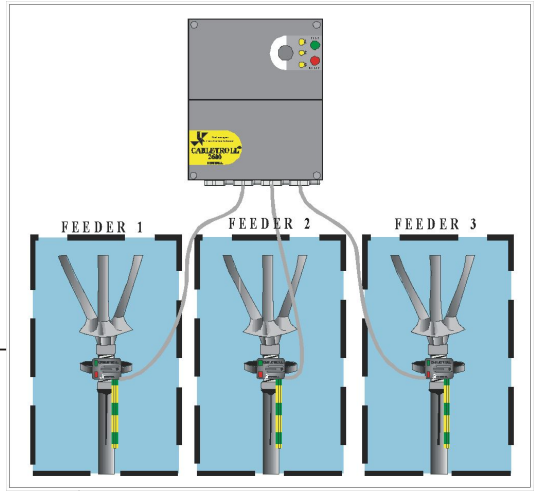
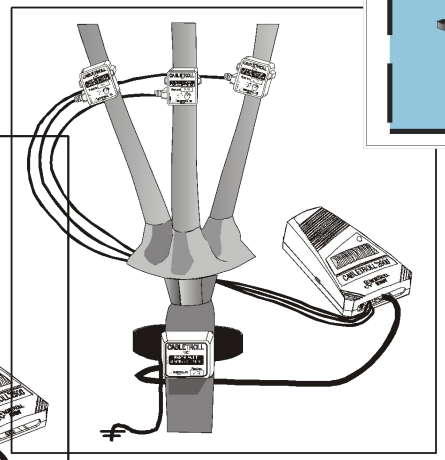
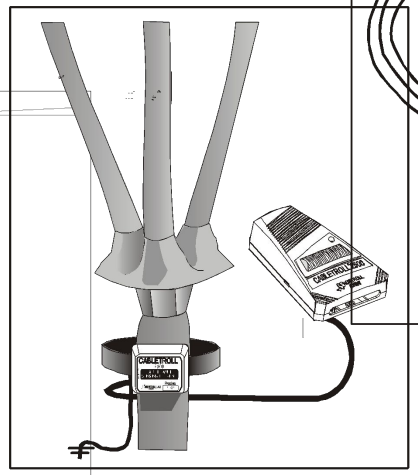
CT 2600



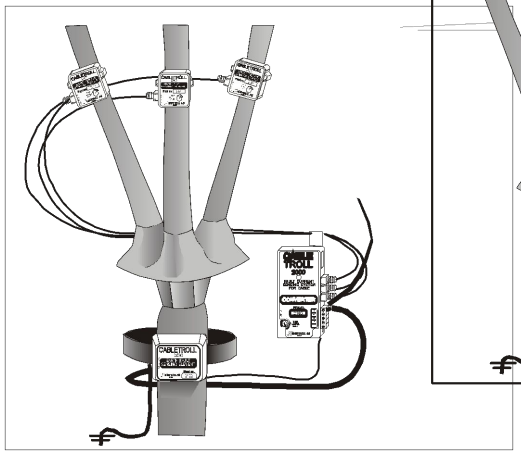
CT-2700



CT-2500



CT-2000



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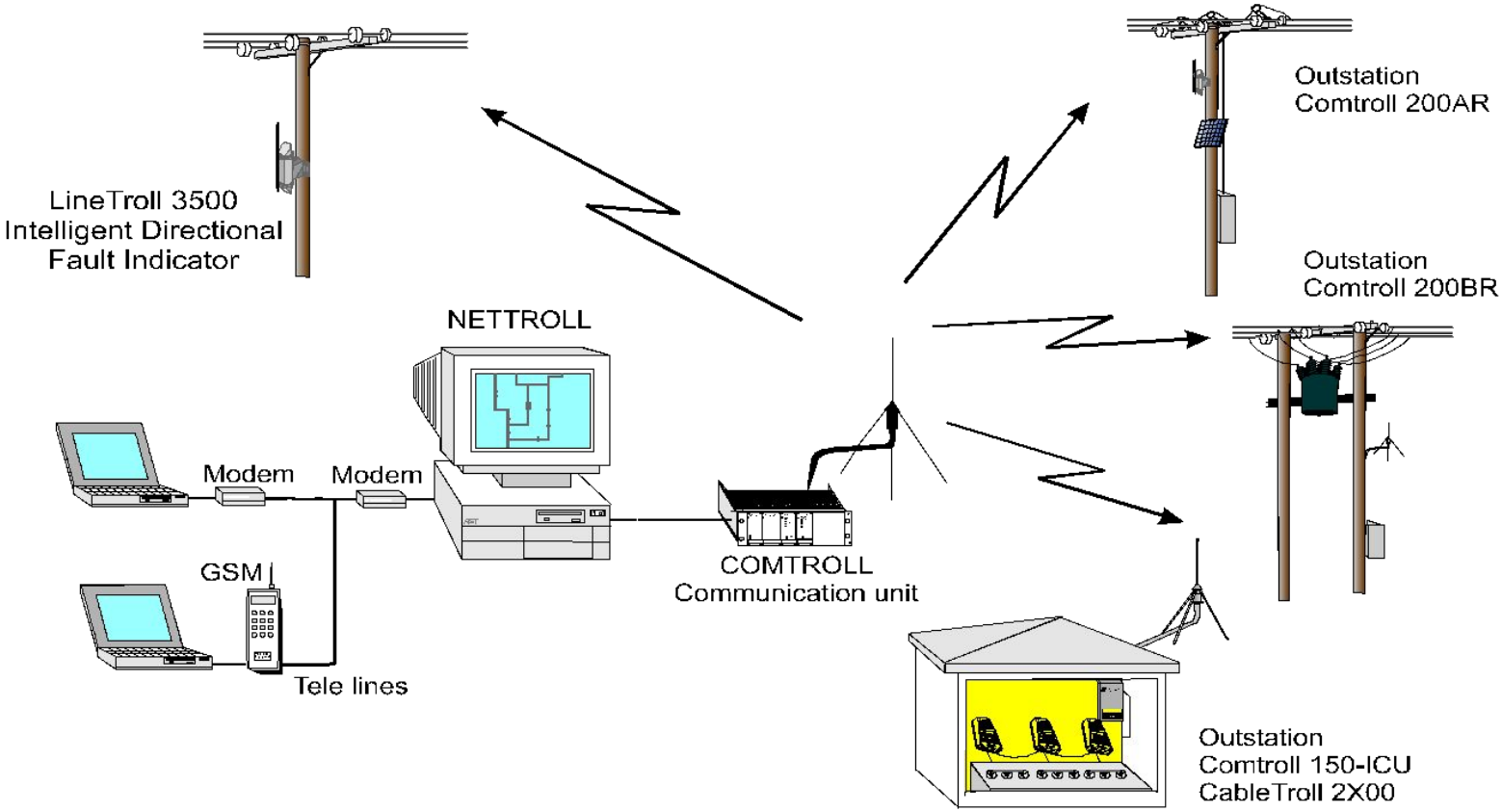
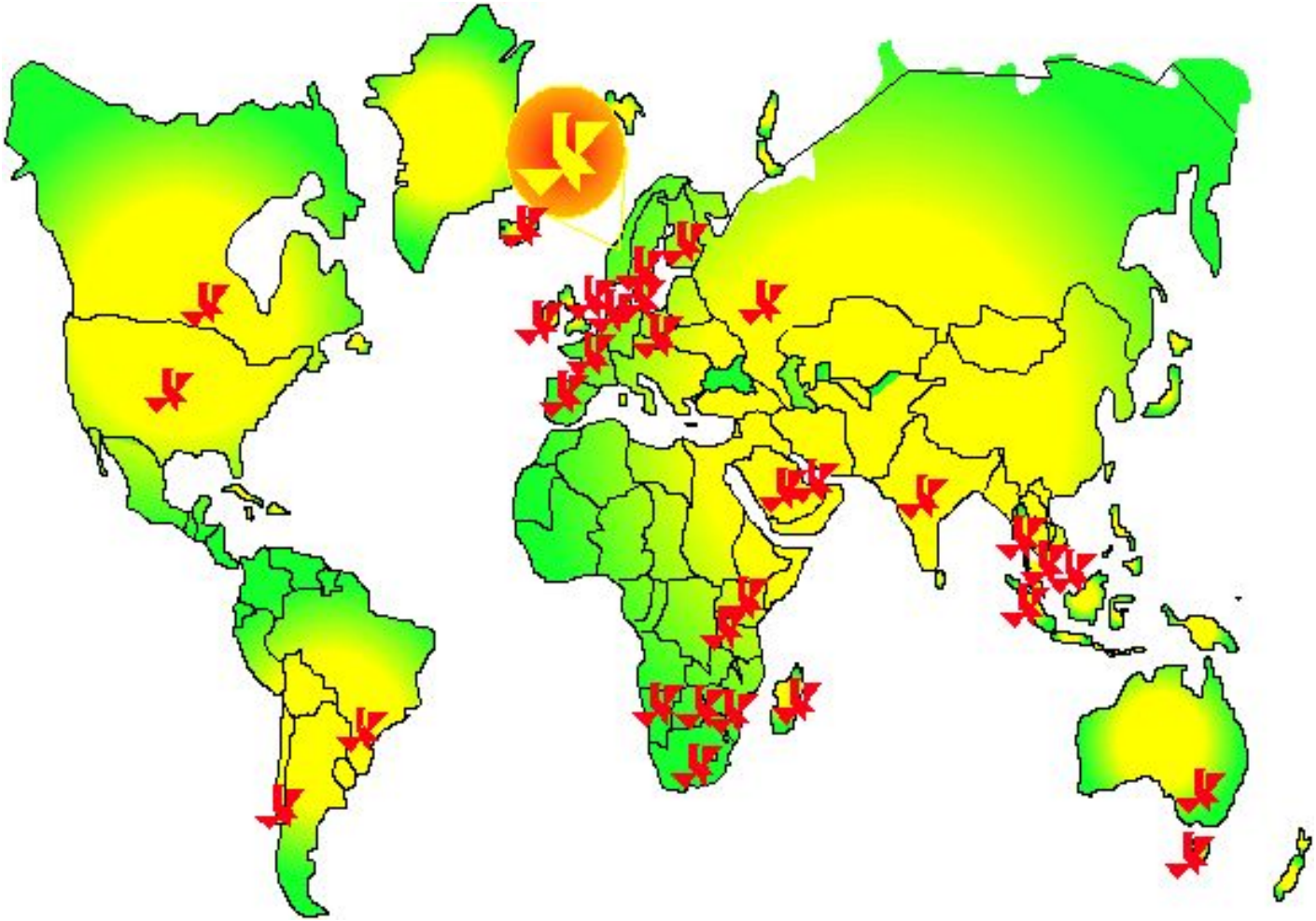
Дистанционный контроль и управление



Nortroll в мире



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Благодарим за внимание!

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