



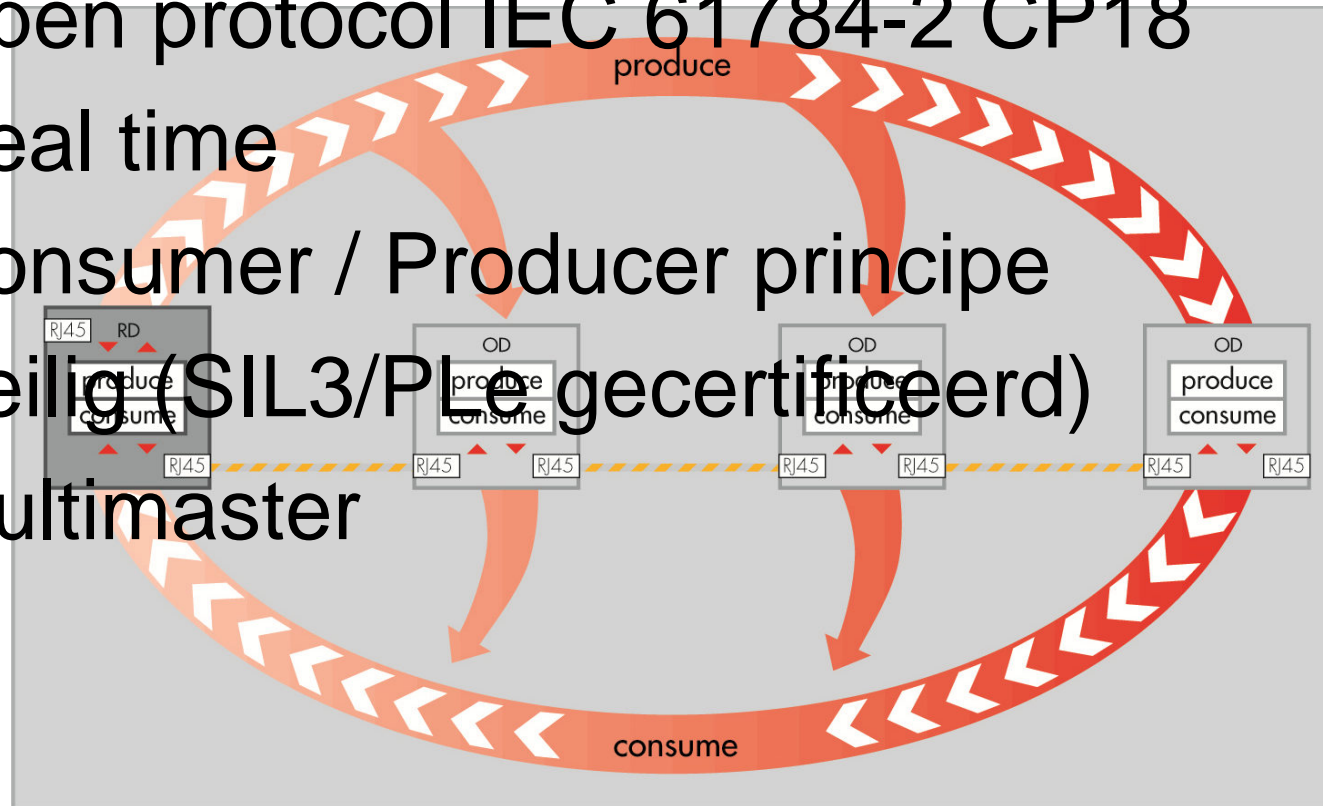
Veilig realtime Ethernet

A horizontal banner with a blue-to-purple gradient background. On the left, there are three blue arrows pointing right. On the right, there is a blurred image of industrial machinery. The text "Industrial Ethernet" is centered in white, bold, sans-serif font.

**Industrial Ethernet**

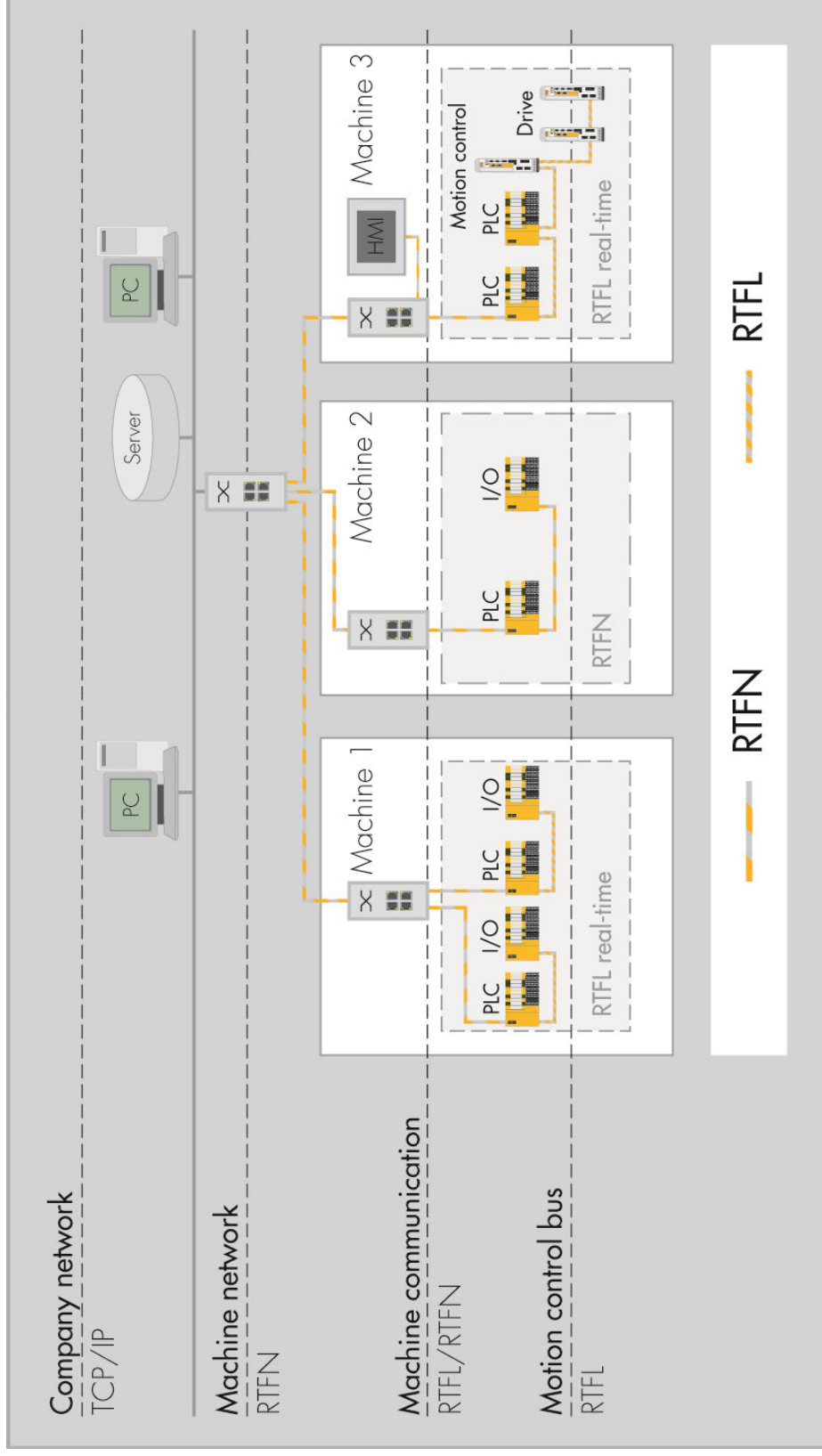
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- Open protocol IEC 61784-2 CP18
- Real time
- Consumer / Producer principle
- Veilig (SIL3/PLe gecertificeerd)
- Multimaster



Industrial Ethernet

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## Industrial Ethernet



Twee uitvoeringen

- RTFL (Real Time Frame Line)
  - ST SNp
  - FS SNp
- RTFN (Real Time Frame Network)
  - ST SNp
  - FS SNp

A horizontal banner with a blue-to-purple gradient background. On the left, there are two blue arrows pointing right. The text "Industrial Ethernet" is written in a white, bold, sans-serif font. On the right side, there is a blurred image of industrial machinery or a control panel.

**Industrial Ethernet**



RTFL (Real Time Frame Line)

- Tijdcritische oplossingen
- Scantijd van 62,5µs mogelijk
- Jitter van maximaal 1µs
- Gebruikt Ethernet MAC frames
- Zowel Fail-safe als Standaard data

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RTFN (Real Time Frame Network)

- Minder tijdcrisische oplossingen
- Scantijd van 1ms haalbaar
- Gebruikt Ethernet IP frames
- Zowel Fail-safe als Standaard data
- Gebruik van standaard Ethernet componenten mogelijk

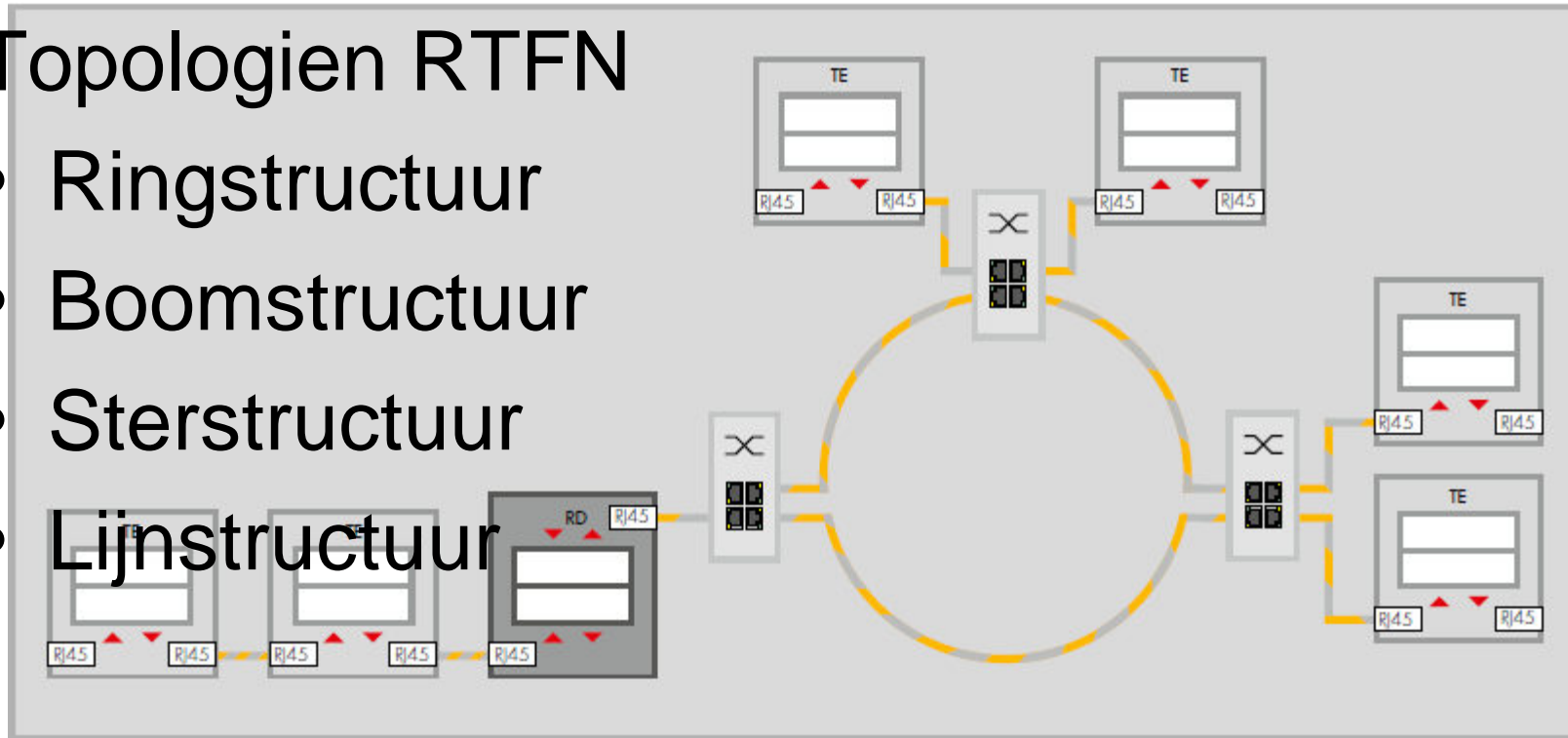
A horizontal banner with a blue and purple gradient background. On the left, there are two blue arrows pointing right. The text "Industrial Ethernet" is written in white, bold, sans-serif font. On the right side, there is a blurred image of industrial machinery.

**Industrial Ethernet**

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## Topologien RTFN

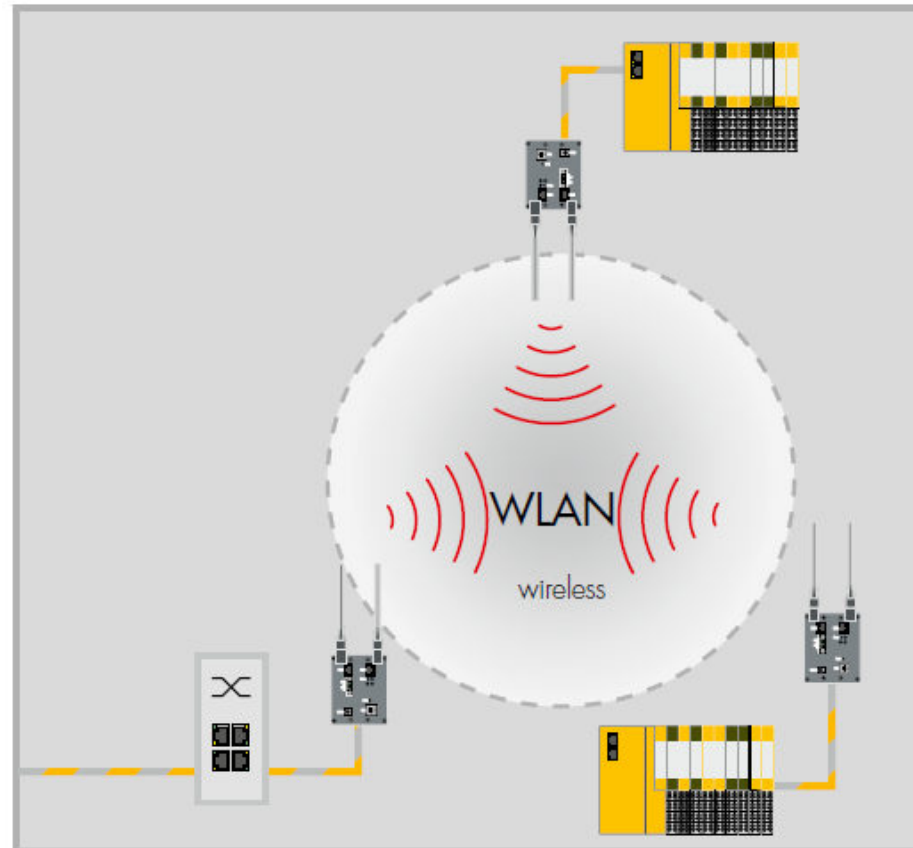
- Ringstructuur
- Boomstructuur
- Sterstructuur
- Lijnstructuur



Industrial Ethernet

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Mogelijkheden

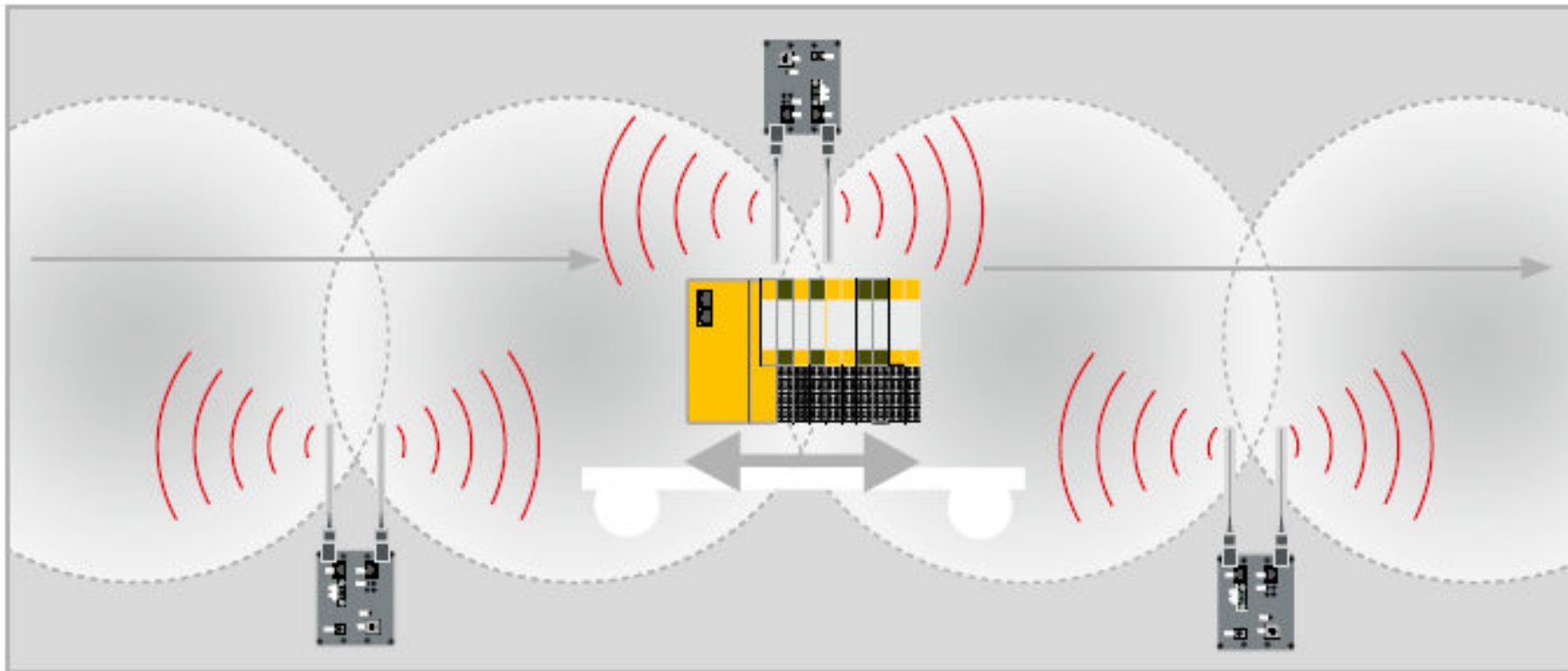


Industrial Ethernet



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## Roaming



**Industrial Ethernet**



Door de toepasbaarheid van standaard netwerkcomponenten is SafetyNET p uitermate flexibel.

Veiligheid t/m SIL3 is mogelijk over lange afstanden door toepassen van glasvezel.

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**Industrial Ethernet**