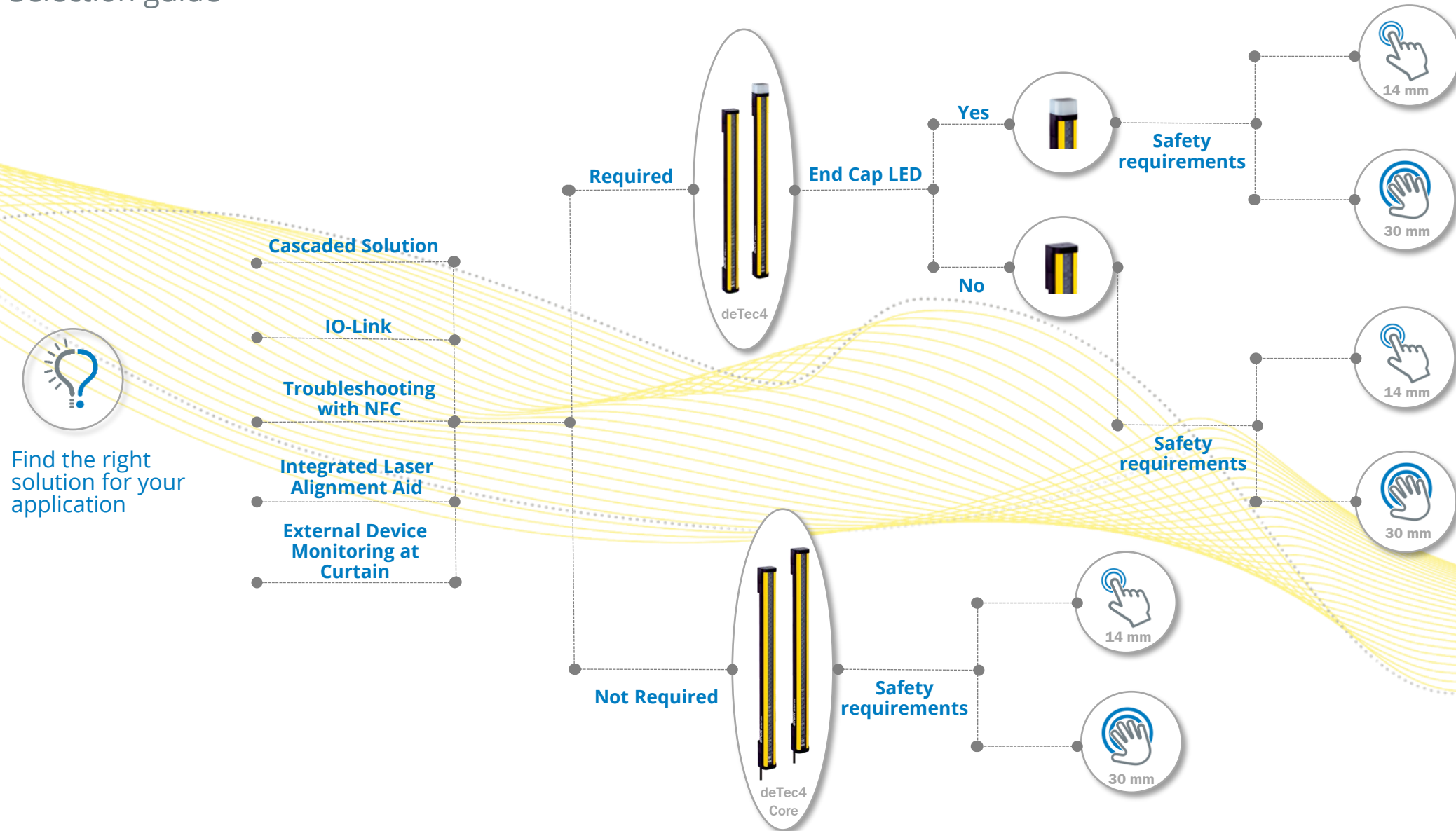


deTec4 vs deTec4 Core

Selection guide



deTec4

Simply Safe

SICK
Sensor Intelligence.



Increase Visibility of Curtain Status

Field LED, End Cap LED, and Diagnostic LEDs are all tied to errors using SICK Operating Instructions



Quick Machine Troubleshooting

Diagnosis via smart phone and SICK Safety Assistant App

View light beam status and pull diagnostic reports for remote troubleshooting



Fast and Simple Commissioning

Built in Laser Alignment aid provides visual indication of quality of alignment:

FlexFix Bracket:

- Quick vertical alignment when brackets are mounted at same height
- Micro adjustment of +/- 15°

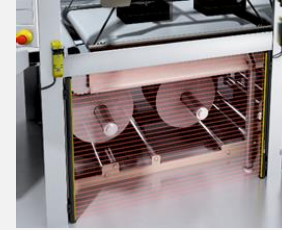


Remote Configuration and Increased Data Availability



Cost savings by predictive and fast maintenance

Provides individual beam status / measuring
Data recorder is great for troubleshooting
muting application set up



Hand (30 mm Res) / Finger (14 mm Res) Detection



Cascading - Connect up to three light curtains with one set of OSSD outputs



Muting - Temporarily bypass safety light curtain to allow material to be conveyed



Smart Box Detection - Human material differentiation

deTec4 Core

Simply Safe

SICK
Sensor Intelligence.



Flexible Machine Integration

Protective Field Heights: 300 mm to 2100 mm (in 150 mm increments)

Light Beam Resolutions:

- 14 mm (Finger Protection)
- 30 mm (Hand Protection)



Flexible Connection Design

Integrated male, M12 5 pin pigtail cable allows for quick connection with standard wiring.

Allows for integration in safe series connection using (Flexi Loop)



Fast and Simple Commissioning

FlexFix Bracket:

- Quick vertical alignment when brackets are mounted at same height
- Micro adjustment of +/- 15°

CapFix Endcap allows for two additional bracket options:

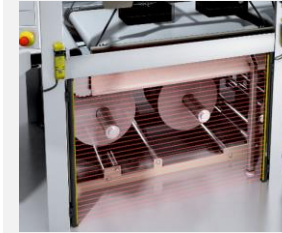
- Flat Mount: Low profile mounting bracket for space savings
- Swivel Mount: 360° rotation for asymmetrical machine frames.



Diagnostic Information at your Fingertips

Blue LEDs help guide to alignment

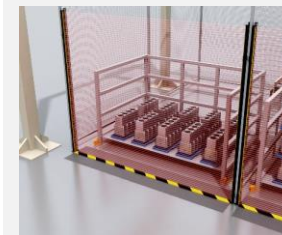
- 1 or 2 LEDs indicate insufficient alignment
 - 3 LEDs indicate alignment is stable and sufficient
 - 4 LEDs indicate very good alignment
- White LEDs provide trouble shooting advice



Hand Detection
(30 mm Res)



Finger Detection
(14 mm Res)



Area Protection