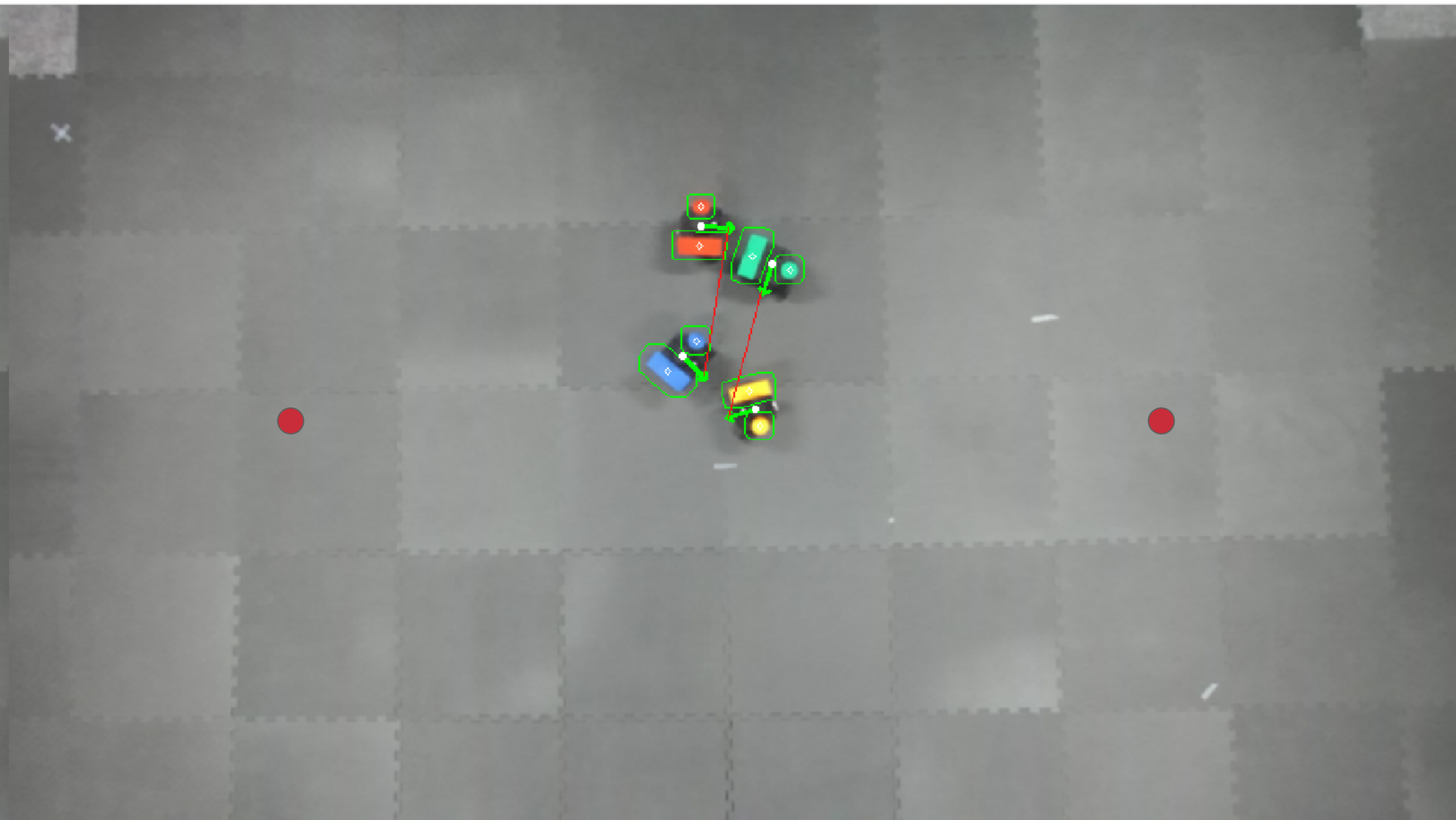


(c) $t = 8 \text{ s}$



(d) $t = 12 \text{ s}$