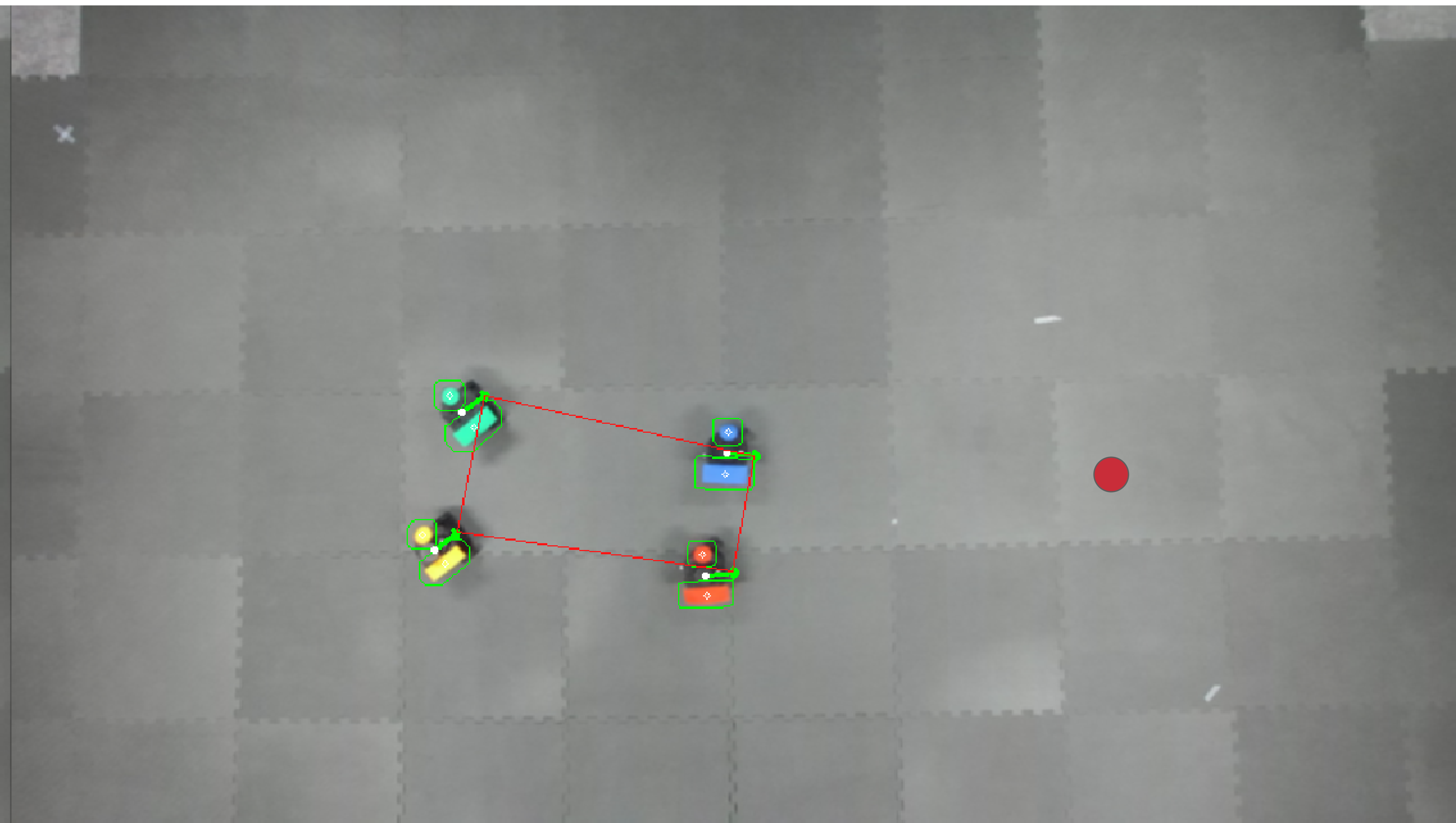


(c) $t = 25 \text{ s}$



(d) $t = 45 \text{ s}$