

ELERA Produce Recognition Technical Specifications

HARDWARE REQUIREMENTS	
Camera	TCx™ EDGEcam camera
Self-Checkout System Lane PC	<ul style="list-style-type: none"> - System 6 or System 7 SCO Lanes - Previously Owned Lane PC Options (best listed first)¹ <ul style="list-style-type: none"> - 4900-786 and Intel Core i3-4330 processor and 12 GB RAM - 4900-785 and Intel Core i3-2120 processor and 12 GB RAM - 4900-786 with the Intel Celeron G1820 processor and 12GB RAM - Internal SSD - New Lane PCs <ul style="list-style-type: none"> - Minimum: TCx767 or higher; Recommended: TCx777 or higher - 16GB RAM or higher <ul style="list-style-type: none"> - Internal SSD

TCx™ SKY 1.3 OPERATING SYSTEM REQUIREMENTS	
Minimum TCx Sky 1.3 Store Controller models	<ul style="list-style-type: none"> - 4900-785/C85 with the Intel Celeron G540 processor option - 4900-746/C46, and 4810-360 with Intel Celeron G1820TE processor - TCx 800 model 6200-1x3 with the Intel Core i3-7100U processor - TCx 810 model 6201-2x3 with the Intel Core i3-1115G4E processor
Storage	<ul style="list-style-type: none"> - TCx Sky 1.3 Store Controller must have a solid-state disk - TCx Sky 1.3 Store Controller must have a minimum 64 GB Solid-State Disk (SSD), but a larger SSD is recommended if the controller will be in operation beyond 2024
Memory	<ul style="list-style-type: none"> - TCx Sky 1.3 Store Controller must have a minimum 8 GB RAM, but more RAM is recommended if controller will still be in operation beyond 2024

SOFTWARE REQUIREMENTS	
Application Version	ELERA Produce Recognition Software Application v1.0
Computer Vision Service including:	<ul style="list-style-type: none"> - Predictive model - Camera Firmware/Device Driver - A.I. Prediction Software
Produce Recognition CHEC Extension	Customer Interface
Retail Vision and Retail Vision Lane Services	<ul style="list-style-type: none"> - Secure forwarding of Image/metric data to TGCS Enterprise in support of Predictive Model Training/Produce Recognition System Reporting - Integrates Customer PLU Mapping with Prediction software and CHEC UI
ELERA Platform 1.1.8 including:	<ul style="list-style-type: none"> - Terminal Services - Controller Services
Operating System	TCx Sky 1.3
CHEC	CHEC Application 7.2 Lane; CHEC 7.2.4 BOSS Application
Proactive Availability Services Requirements	<ul style="list-style-type: none"> - RMA v4.3 R003 - REMS v1.5 (including Cloud Forwarder) - RSMP 2.2

¹ CHEC Extensions, Additional Applications (Produce Recognition, Mobile Operations Manager, TCxAmplify etc) and peripheral devices attached to the Self-Checkout Lane consume CPU, Memory, and SSD resources on the Lane PC. Customers with minimal installations may be able to run with 8GB RAM per lane PC. Doing so will require review/approval by TGCS Performance Architect.