TALOS

THE NEXT STEP IN BANKNOTE VALIDATION
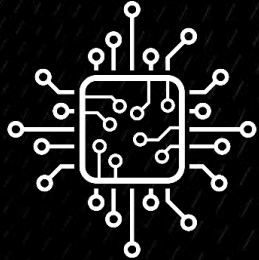TECHNOLOGY

TALOS VALUE PROPOSITION

Leveraging the technological innovations from other CPI higher-end validation products, Talos delivers an industry step-change in secure banknote recognition with improved reliability and scalability to drive down cost of ownership while being compatible with legacy equipment to protect your profits now and beyond.

Supported by CPI's 50 years of quality, innovation, and expertise in the currency handling Industries!

WHY DID WE NEED TO CHANGE?

Technology evolves - Doing nothing creates risk in the areas of manufacturability and component availability/cost.

Customer and market demands – VOC feedback is requesting more options in the product, such as, speed and intelligent diagnostics

Frauds – Ever evolving fraud attacks create the need to remain several steps ahead via a more powerful platform.

Future Scalability – Create a new base platform that will allow for easier expandability for future needs , such as, changes in banknote design and technology

FASTER

☑ Twice the banknote transport speed to secure the banknote in less tan 2.5 seconds

☑ Firmware updates via USB have reduced programming time by a factor of 10

☑ 32 bit microprocessor delivers the processing power to support the enhanced feature set and adds scalability for future innovations

SAFER

☑ The Light Bar recognition system offers Best-in-class fraud detection to protect your revenue

☑ Enhanced security modes provide additional theft protection, early detection, and alarm triggering

☑ USB compatibility for encrypted, secure, seamless updates

SMARTER

☑ Greater recognition gives confidence that if new banknote security features occur they can be easily addressed

☑ 32 bit microprocessor delivers greater data processing power to maximize performance

☑ External error code access

TALOS LIGHT BAR SENSOR

Full width banknote validation (99% of notes surface) increases fraud protection by a factor of 10, utilizing 6 wavelengths of light to capture the latest and next generation banknote security features

SERIES 2000 PELLET SENSORS

3 wavelength of light recognition system that captures 12% of the notes surface offering good fraud protection for current banknotes in circulation
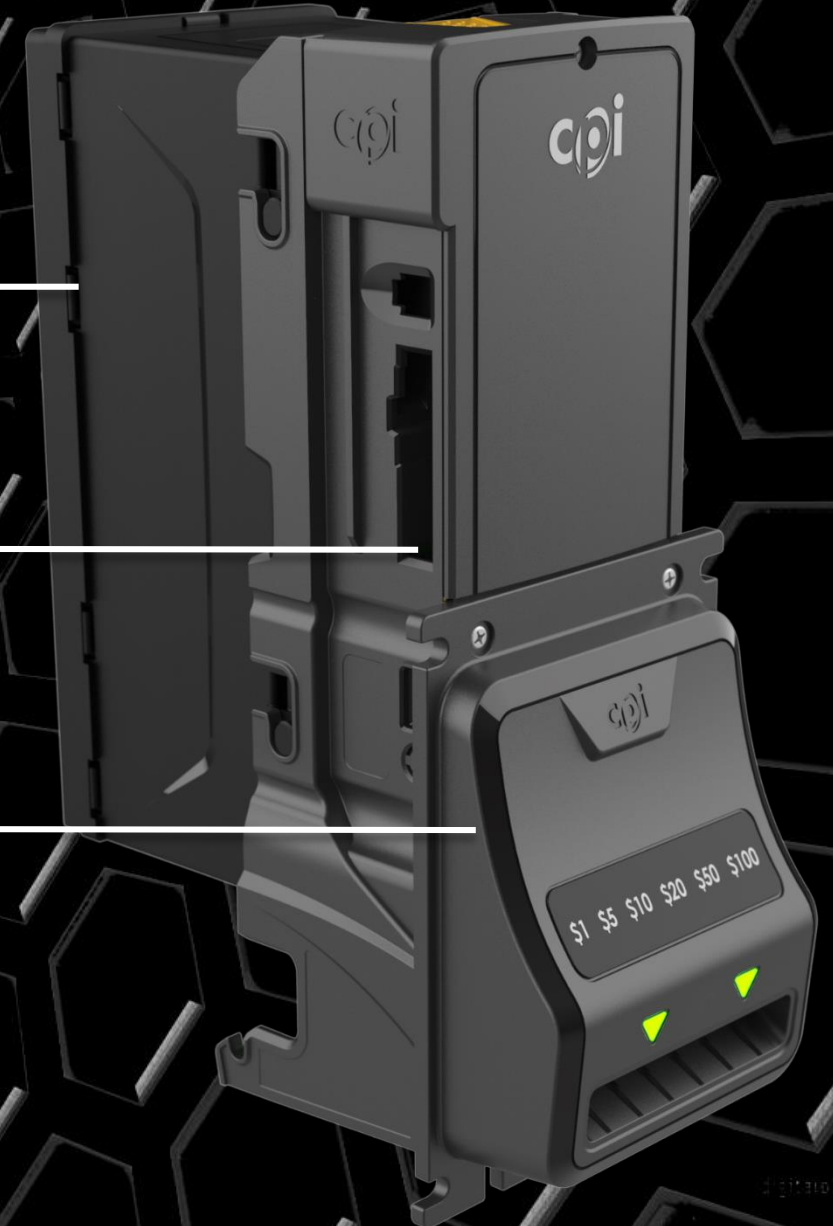
BANKNOTE RECOGNITION REINVENTED

Understanding that our customers have made a significant investment in the Series 2000 over the past 20+ years, that investment into spare parts is protected

Bill Magazines
interchangeable with
Series 2000

Interface harnesses
interchangeable with
Series 2000

Retro Bezel
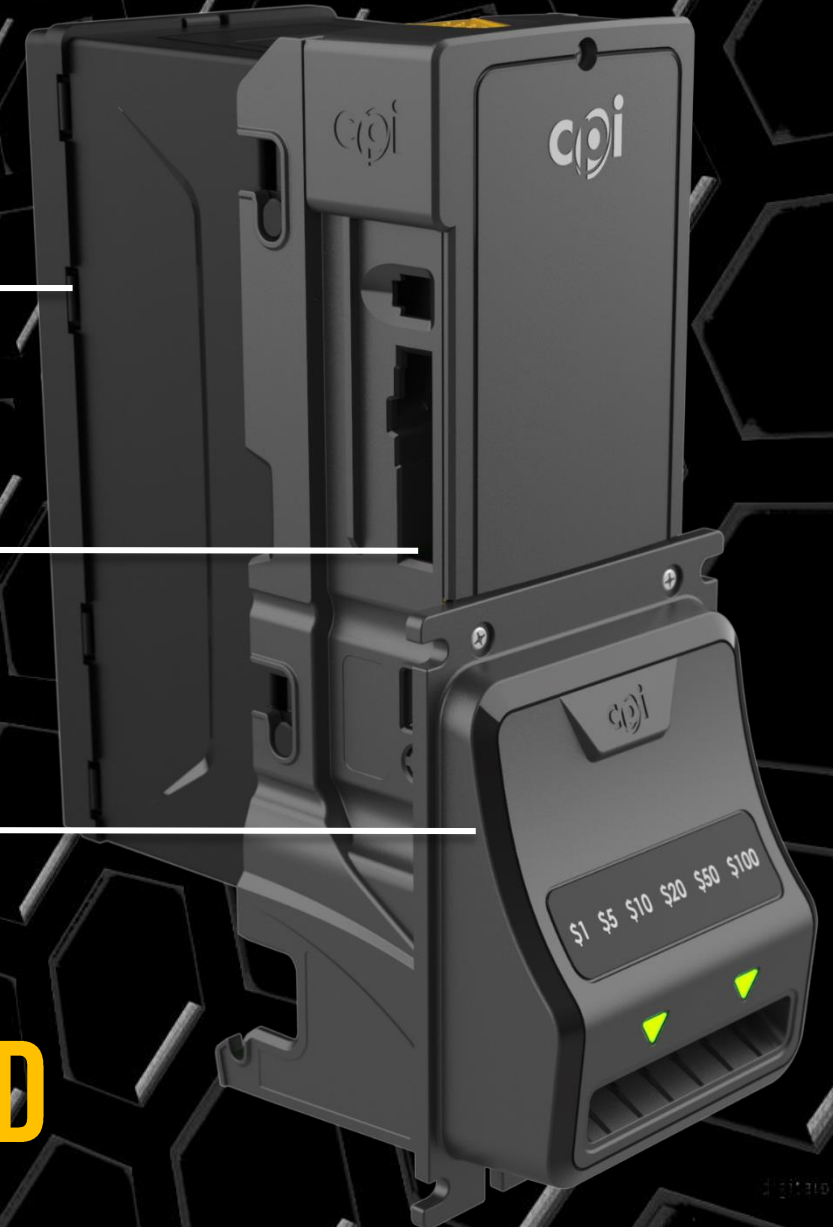interchangeable with
Series 2000

PAST INVESTMENT RESPECTED

Mechanically and electrically designed to be an off-the-shelf replacement into all existing OEM equipment in the field

Bill Magazines
interchangeable with
Series 2000

Interface harnesses
interchangeable with
Series 2000

Retro Bezel
interchangeable with
Series 2000

MACHINE COMPATIBILITY REASSURED

Acceptance Programming
Banknotes or value coupons can be simply enabled
and disabled by using the desired banknote or coupon.
All current value coupons are supported.

Interface Type Detection
DIP switches have been removed
as the user interface is monitored

Feature Programming
Features changes can be performed via the
programming coupon for non-standard options

External Error Code Access
Operational condition on unit is now
identified with the bill entry LED's

USER EXPERIENCED REDEFINED

MODEL NUMBER CHANGES

T 8 1 2-U 10 E US
XXX X X X-X XX X XX

Model
~~AE2 = Series 2000~~
~~VN2 = Series 2000~~
T = Talos
TR = Talos Recycler

MARKET
~~4 = Amuse $1-$5~~
6 = Amuse $1-$20
7 = Vending $1-$20
8 = Gaming $1-$100

BEZEL
0-8= Up/Down Style
Letter = Expanded

VOLTAGE
1 = 110vac
2 = 24vac
4 = 12vdc
~~5 = 12vdc bat~~

COUNTRY
US = UNITED STATES

HARNESS
E = Pulse 9 pin
M = MDB
i = IVS

MAGAZINE
2 = 200 Capacity
3 = 300 Capacity
5 = 500 Capacity
7 = 700 Capacity
10 = 1000 Capacity

ORIENTATION
U= Upstack
D = Downstack

T BEZEL

S BEZEL

C BEZEL

THE NEW TALOS LINE UP

CHANGES TO KNOW FROM LEGACY PRODUCT

☑ **Increased Security and Fraud Protection**
  The Light Bar recognition system increases security by a factor of 10, capturing 99% of the banknote surface using 120 sensing channels versus 12 sensing channels

☑ **Dip switches removed**
  Reduce setup errors and confusion
  Denomination acceptance programming with banknote or coupon

☑ **Increased banknote transport speed**
  increased by a factor of 2, 2.2 seconds versus 4 seconds

☑ **New Bezel Designs for VFM "S" & Compact "T" applications**

☑ **No high/low security mode**
  Single mode combines best security and acceptance

☑ **USB support**
  Software updates / Audit collection

SIMILARITIES TO LEGACY PRODUCT

☑ **All retro bezel types are compatible and available on the product, including cashless bezels**

☑ **All retro bill magazines are compatible and available on the product**

☑ **The banknote transport and stacking mechanism**
   Proven track record on banknote jam performance

☑ **Machine interfaces**
   All OEM communication protocols and interface types are supported

☑ **The mechanical form factor**
   Drop-in replacement for all existing Series 2000 units in the field

☑ **Programming Push Button**
   Located behind the bill magazine