Software Systems

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VIRTUi² is a Windows®-based desktop application that works with iQUBE^{2®} to replicate simple indicator functionality ideal for system integrators and OEMs wanting to provide a PC-based solution. Load cells are individually monitored and calibrated, making setup easy.

Approvals



Part Number/Price

Part #	Description	Price
108436	Activation part number - requires machine ID and customer's email address	\$500.00

Standard Features

- · Virtual front panel consists of display and fivebutton keypad
- Web browser-based iQUBE² cell status
- · Provides local and remote reporting of diagnostics and error conditions
- Up to four scales and one total scale
- Primary/secondary units configuration (lb, kg, short tons, metric tons, none)
- RS-232 communications at up to 460 kbps Electronic Data Processing (EDP) port over RS-232 and TCP/IP
- · Printer port for output-only, simplex communications
- Two print formats
- Provides iQUBE² configuration screen and iQUBE² digital I/O configuration
- Supports iQUBE² diagnostics with configurable error viewing
- Peak weight history
- Recalibration notification
- · Concentrated load capacity (CLC)
- Section capacity

Specifications

Minimum System Requirements: Windows® 8.1 and newer

Serial port

- USB to serial converter, or Ethernet TCP/IP for connection to iQUBE² Additional serial ports are required for connections
- to printers/remote displays

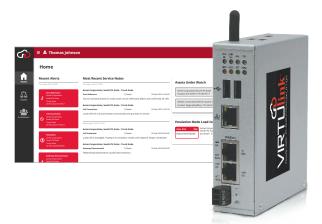
Annunciators:

Units (lb, kg, short tons (tn), metric tons (t), NONE) gross/net, motion, center of zero

Approvals:

NTEP CC 04-058 Class III/IIIL, 10,000d





VIRTUlink[™] connects weighing equipment to the cloud, enabling data from networked devices to be utilized for a wide variety of business and operational decisions.

Standard Features

Data

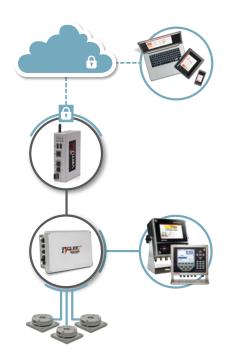
- Sends raw and analyzed values from the scale to the cloud
- Supports long-term efficiency by providing scale and throughput records
- Expandable with support for multiple data points from indicators, junction boxes, auxiliary equipment, sensors, web relays and IP cameras

Diagnostics

- Enhanced onboard diagnostics identify cell noise, tests for linearity and zero-reference, and monitors drift
- Diagnostics are complemented by a unique load cell emulation feature which compensates for a failing load cell until a repair can be made
- Unmatched reaction time (500 cycles per second) brings accuracy to new levels

Dashboard

- · Online portal to monitor scale status in real-time
- Receive alerts when scale is outside of programmable tolerances
- Remotely identify service needs and review technician notes
- · Hosted on a cloud platform



Specifications

Communication:

- Ethernet TCP/IP
- Power Connector: 3-pin terminal block (3.5 mm)
- Power Supply:
- 24 V DC ± 6 V DC
- Conformity with UL:
- Use Class 2 power source, Over-voltage Category II Current (at 24 V DC):
- 170 mA (typical)
- Operating System: Security-hardened Linux
- Display:
- 8 LEDs (2 programmable)
- Real-time Clock: Capacitor buffered, maximum 7 days backup, maintenance free

Gateway Hardware/ Communication

Memory:

Integrated memory 1 GB DDR3 RAM, SD card 32 GB MLC NAND, Micro SD card

IT Interface: 1 x 10/100 Mbit, Microchip LAN9514 1 x RJ45 socket LAN connector

Required Accessible Ports:

http (80), https (443), MQTT (1883), MQTT over SSL (8883), AMQP (5672), AMQPS (5671)

Required Accessible Ports:

http (80) https (443) MQTT (1883) MQTT over SSL (8883) AMQP (5672)

AMQPS (5671) Environment Protection:

IP20 Ambient Temperature: Operation: -20 °C to 60 °C Storage: -40 °C to 85 °C

Humidity Range: 10% to 95 % (95% at 40 °C) relative humidity (non-condensing)

Use:

Indoor Dimensions:

5.5 × 1.38 × 1.13 in

(140 mm x 35 mm x 105 mm)

Weight: 0.89 lb (400 g)

Metal Housing: DIN top hat rail mount

Approvals:

Approvers. UL – Nr. E221530 Vol D1 FCC – ID 2ANEG0001 IC – 24152-0001 KCC – No. R-C-HKR-ETP51EN-RE UL Japan – No. 007-AH0211 RoHS Conformance with EMC Directives: CE Emission EN 55011:2009 Immunity IEC 61000-6-2/3, EN 61131-2 Electrostatic discharge (ESD) (air and contact discharge method) EN 61000-4-2 Fast transient interferences (Burst) EN 61000-4-4 Surge voltage EN 61000-4-5

www.ricelake.com | Phone: 800-472-6703
An ISO 9001:2015 Accredited Company ©2023 Rice Lake Weighing Systems 7/23 Prices and specifications subject to change without notice. Visit ricelake.com for current prices.



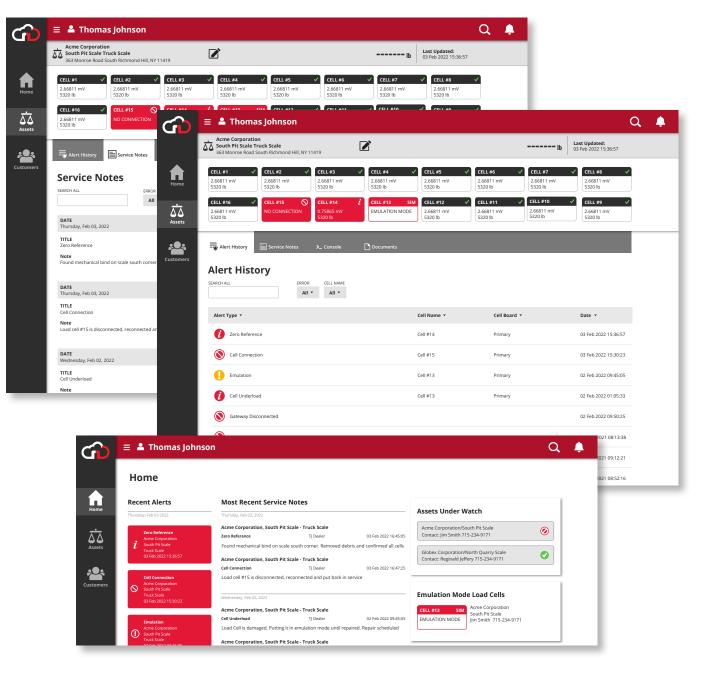


Part Numbers/Price

Part #	Description	Price
209604	VIRTUlink secure gateway	\$1,795.00
215212	Power supply for VIRTUlink secure gateway, 3 wire AC power and DC hookup 24 VDC cord (12 inches)	\$260.00
215213	24 VDC output wall adapter, 100 to 240 VAC input, 12W	\$45.50
211283	VIRTUlink cloud-service contract, annual agreement	\$1,200.00
Specifications	s subject to change without notice.	

SOFTWARE SYSTEMS

930



Interchange 920i®/1280 Database Management Software

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Database Editor

Communication Settings for Download

Interchange database management software is used to set up a custom job file for each database you need to export. Manually or automatically run the job file by setting a predetermined time using Windows® Task Scheduler.

Part Number/Price

Part #	Description	Price
72809	Interchange database software	\$295.00

Standard Features

- Edit and manage databases
- · Set up using an export job wizard
- Connect using RS-232, RS-485 or Ethernet TCP/IP
- Program will connect to the indicator and upload the current database structure

Export or Import Data

- Select the desired database
- Export database table file types: delimited text, XML, XLS, HTML

Specifications

Minimum System Requirements: Windows® 7 or newer

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Weigh Scale

Customer ID:	001	Inactive:	Broken Rules
		anactive:	
Name:	Acree Company		
Bill To Address:	PO Box 1234 Rice Lake, WI 54868 USA		
Ship To Address:	1234 Main St. Rice Lake, WI 54868 USA		
Contact Name:	John Doe		
Phone:	715-555-1234	Notes	
Fax:	715-555-5670	Inbound Ticket	
Discount:	×	Cutbound Ticket	
Charges			
Name	Type Rat	e Add	
State Tax	Tax 0.05	Edk	

Customer Account Information





Part Numbers/Price

Part #	Description	Price
104787	OnTrak activation code	\$1,495.00
101062	OnTrak CD-ROM	\$84.00
TOTOOL		401.00

OnTrak trial at www.ricelake.com/ontrak

Options/Accessories

Part #	Description	Price
Consult	Non-Rice Lake indicator interface	\$245.00
Consult	Custom reports	\$243.00/hour
Consult	Database configuration	\$243.00/hour
FLD-INSTALL	Field installation	\$1,395.00/ weekday plus expenses
104789	Phone support, one hour	\$145.00
101003	Additional OnTrak manual	\$65.00

Standard Features

- Supports systems using Windows® 10 and newer
- Microsoft SQL Server Express client/server database (free edition)
- · Comprehensive report filters
- · User and administrator roles
- Backup and restore via SQL Server Management Studio freely available through Microsoft
- · Unlimited charge/discount per product
- Ship or receive mode for each transaction
- Exclusive database for: customer, hauler, truck,
- product, job, price/discount, tax, transaction Ethernet TCP/IP or RS-232 connectivity
- Supports VIRTUi/VIRTUi2[®] or Rice Lake weight indicators
- .CSV transaction file export
- · Supports one or two scales

Download OnTrak Software V2.14.00

Optional Features

- · Image capture with Ethernet camera TCP/IP (requires SQL Server Standard or better through Microsoft)
- · Interface to non-Rice Lake weight indicators
- Custom reports
- Database configuration
- · Field installation and training
- · Factory phone support
- **Specifications**

System Requirements:

Windows[®] 10 and newer (x64 systems)

- Databases:
- 10 GB max database size when using included Micosoft SQL Server Express
- Unlimited database size when using a purchased
- edition (contact Microsoft for details on purchasing a licensed edition of SQL Server)

Communications:

- Support for multiple printers
- Supports all Rice Lake indicator interfaces
- Supports VIRTUi/VIRTUi2 interface
- 920i based Automated Ticketing Kiosks
- Optional drivers available for non-Rice Lake
- weight indicators

Transaction Ticket:

User defined ticket formatting

- Reports:
- Comprehensive report filters
- Optional custom reports

Export Data:

File transfer via XML transaction; exported reports can be saved as PDF/XLS; configurable transaction data export in .CSV file format

Transaction Calculations:

Unlimited product prices and discounts Tax calculations (does not integrate directly to financial software)

Software Support:

Database configuration, field installation and training available Phone support packages available

Contact Rice Lake for further options Approvals:

NTEP CC 05-107

SOFTWARE SYSTEMS





Web Application with Middleware Services

Home Welcome to the WeighVault For CW90 application. Login or create an account to begin. Norme Welcome to the WeighVault For CW90 application. Login or create an account to begin. Vata Reports Contact: About * 2022 Rest Lake WeighVault * Torout to the WeighVault * Torout to the

Read Protocol

Standard Features

- Specialized PC software makes data entry easy
- · Boost product ID storage to nearly limitless potential, and manage as many scales as necessary
- Eliminates front-panel entry of ID parameters
- Quickly program, edit and manage scales and each unique product ID right from your PC
- Stores the details of each transaction for either a single scale or multiple scales
- · Collects data as transactions occur and provides detailed transaction and productivity reports
- Allows users to add, edit and access IDs over a network connection
- · Reports can be exported into word processing, spreadsheet or PDF format

REST API designed to:

- Extend reach of WeighVault application
- · Gain efficiencies for programmers integrating application specific content
- Enterprise dashboard view points
- Useful weight data related to IDs
- Boost system usage

Part Number/Price

Part #	Description	Price
117358	Software package, WeighVault for CW90/90X	\$265.00
125546	Software package, WeighVault for Counterpart	\$265.00

Counterpart Functions Only

Data Registers:

- ID code [32 characters]
- Unit weight [6 places]
- Tare weight [6 places]
- Units field
- Parts name [32 characters]
- Part description [32 characters]
- Lot number [32 characters]
- Location [12 characters]
- Inventory quantity [7 characters]

Reports:

- Part
- Inventory
- Activity
- Location

CW-90/90X Functions Only

Part Fields:

- Product ID [4 characters]
- Two descriptions fields [32 characters each]
- Target
- Tare
- Over
- Under
- Units
- Reports:
- Transaction
- Productivity

Specifications

Minimum System Specifications:

CW-90X or Counterpart® 800+ MHz Intel® compatible processor 1 GB of RAM

- 750 MB hard drive space TCP/IP connections to a CW-90, CW-90X
- or Counterpart

Recommended System Specifications:

- 1.0 GHz Intel compatible processor 2 GB of RAM 4 GB hard drive space
- Windows 10 or newer (x64 systems) TCP/IP connections to a CW-90, CW-90X
- or Counterpart

Network Requirements:

The PC running the WeighVault service must have a static IP address Known IP address and subnet of the host PC; if connecting via WLAN, known network SSID and security settings (pass keys and phrases) Network policy must allow passwords of six characters Wedge Software



Standard Features

- Input scale or instrument data directly into Excel®, Access®, statistical software, LIMS, MMIs, or any Windows[®] application
- Transfers RS-232 data quickly, accurately and formatted to your exact specifications
- Powerful DDE options for collecting data from multiple devices simultaneously
- Extremely easy to set up and use

Part Number/Price

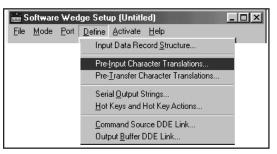
Part #	Description	Price
75351	WinWedge® TAL software, 32 Std	\$345.00
72304	WinWedge® TAL software, 32 Pro, TCP/Wedge	\$575.00

1. Select how you want the data collected:

SOFTWARE SYSTEMS

💼 S	oftware Wedge Setup (Untitled)
<u>F</u> ile	Mode Port Define Activate Help
	✓ Send Keystrokes To
	DDE Server
	Log To Disk

2. Choose the communication parameters for your serial device:

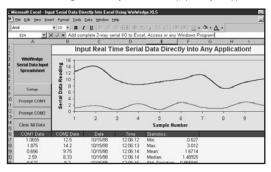


3. Define how you want the serial data to be parsed, filtered, and translated.

.

WinWedge Seria	I Port Settings		
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COM1 A	C 110	• 9600	
COM3 COM4	C 300	C 14400	<u>C</u> ancel
COM5	C 600	C 19200	
COM6 COM7	C 1200	C 38400	
COM8	C 2400	C 57600	
COM9 COM10 ¥	⊂ 4800	C 115200	
Parity	Data Bits	<u>Stop Bits</u>	Elow Control
C None	C 5		None
C Odd	C 6	C 1.5	C Xon/Xoff C Hardware
Even		0.0	C Opto-BS

4. Activate WinWedge and watch your serial data "pop" into your application:



WinWedge Pro Additional Features:

- Support for even the most complex devices and . serial I/O with advanced data parsing, filtering, formatting and translation
- RS-232 data collection and I/O support, TCP/IP included with Pro version
- More advanced device control options
- · Additional features such as math functions and virtual instrument mode

Specifications

System	Requi	rements:	

- Any version of Windows®
- Any Windows PC 4MB of RAM

2MB of hard disk space

Communications:

WinWedge can collect data on any serial port (RS-232 or RS-485) and even on multiple ports simultaneously. Also supports full device control.

Software Support:

Rice Lake Weighing Systems offers field software support for our software packages. Contact our Service Department for software support. Software support is a chargeable service.



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Customer Screen Main

Approvals



Part Numbers/Price

Part #	Description	Price
218502	OnTrak Enterprise Base Software	\$3,495.00
Modules		
218503	OnTrak Enterprise Kiosk Module	\$795.00
218504	OnTrak Enterprise API Module	\$695.00
218505	OnTrak Image Capture Module	\$695.00
218506	OnTrak Enterprise License Plate Recognition (LPR) Module	Consult
Annual Mai	ntenance Agreements (AMA)	
218507	OnTrak Enterprise AMA for Base Software	\$699.00
218508	OnTrak Enterprise AMA for Kiosk Module	\$159.00
218509	OnTrak Enterprise AMA for API Module	\$139.00
218510	OnTrak Enterprise AMA for Image Capture Module	\$119.00
218511	OnTrak Enterprise AMA for LPR Module	Consult

Options/Accessories

Part #	Description	Price
Consult	Non-Rice Lake indicator interface	\$295.00
Consult	Custom reports	\$245.00/hour
104789	Phone Support, one hour	\$145.00

Standard Features

- Comprehensive transaction management
- Unlimited charge and discount amounts per product
- Calculates tax
- Ship or Receive mode for each transaction
- Assign one of four security levels to each user
- Exclusive databases for customer, hauler, truck, product, job, price/discount, tax and transaction
- Filter reports to view relevant information
- · Customize printed tickets
- Back up and restore via SQL Server Management Studio available through Microsoft
- Software supports unlimited number of scales, number of scales supported is dependent on user's hardware
- Web server for remote access, systems integration
 and data monitoring

Optional Features

- Kiosk interface
- REST API
- Image capturing
- · License plate recognition

Specifications

System Requirements:

Windows[®] 10 or newer (x64 systems)

Databases:

10 GB max database size when using included Micosoft SQL Server Express Unlimited database size when using a purchased edition of Microsoft SQL Server (required when using image capturing or license plate recognition)

Communications:

Supports all Rice Lake indicator interfaces and 1280 based Automated Ticketing Kiosks Optional drivers available for non-Rice Lake weight indicators (Ethernet TCP/IP required)

Transaction Ticket:

User defined ticket formatting

Export Data:

File export of completed transactions via: XML, JSON, CSV or TXT

Software Support:

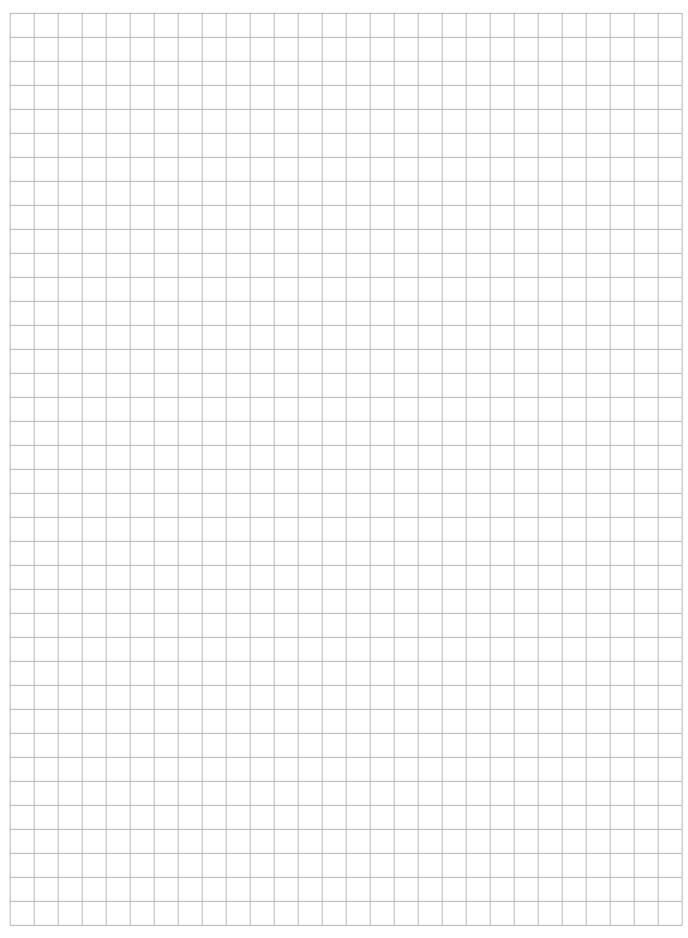
Database configuration, field installation and training available Phone support packages available Contact Rice Lake for further options

Approvals:

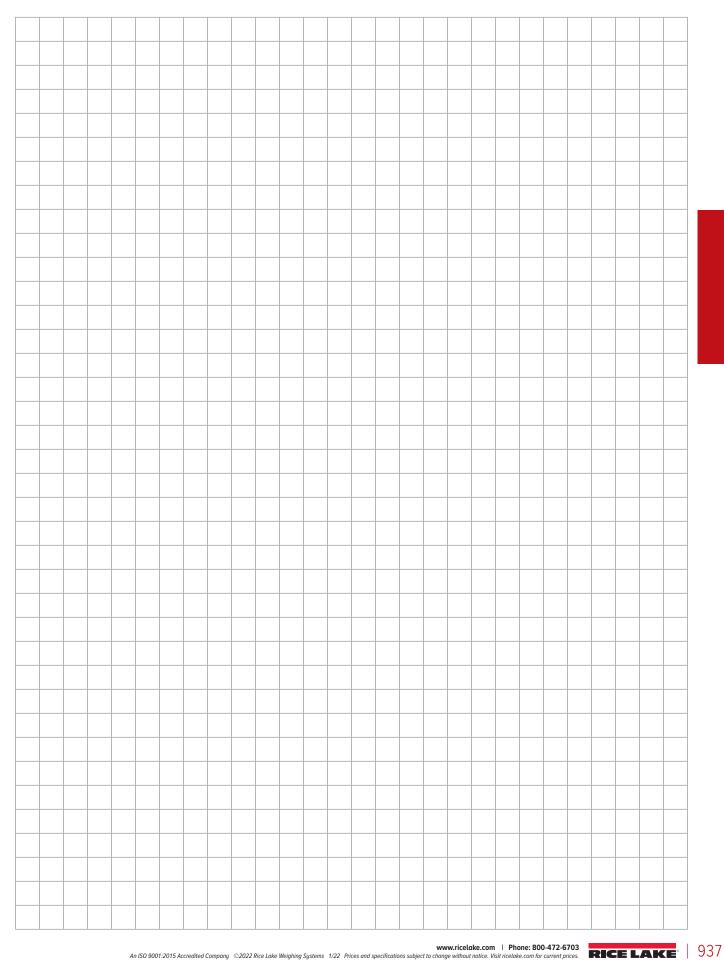
NTEP CC 05-107 (pending)



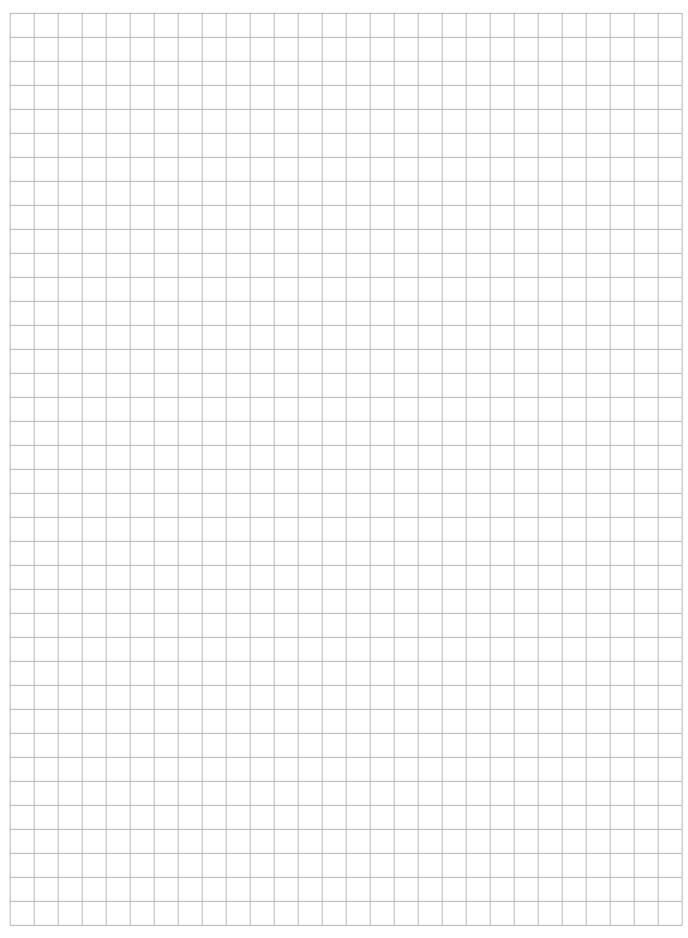
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