Schneider, SCADAPack

Five IEC 61131-3 Compliant Languages
Flexible Protocol Implementation
Tagged object database
Microsoft Excel export and import of database objects
SCADAPack x70 Logic Editor
Remote maintenance

Linux OS Option

Support Available from VanZandt Controls
Engineer staff to help support and convert?
Product Champions who specialize in SCADAPack?

PLCs / RTUs - SCADAPack 470 / 474

SCADAPack x70 is the latest generation of SCADAPack Smart RTUs. The SCADAPack 470 and 474 Smart RTUs are the newest models to be introduced in this new series.

SCADAPACK 474 | 474i
Key Features

C/C++
Edge Platform
Remote Applications
Harsh Environments

Best Price & Availability
All the features of ROC and/or TotalFlow
Up to 20 Meter Runs

Flattened Network Architecture
Supports IT/OT Convergence

Single Unit Convergence
IEC 61131-based RTU
PLUS
Linux®-based Edge Computer

Unique Solution
Remote Control
Compute Operations
Compact Form Factor
Marketing Leading Price!!

SCADAPACK 474 | 474i
Various Solutions

C/C++ Applications
From legacy SCADAPacks

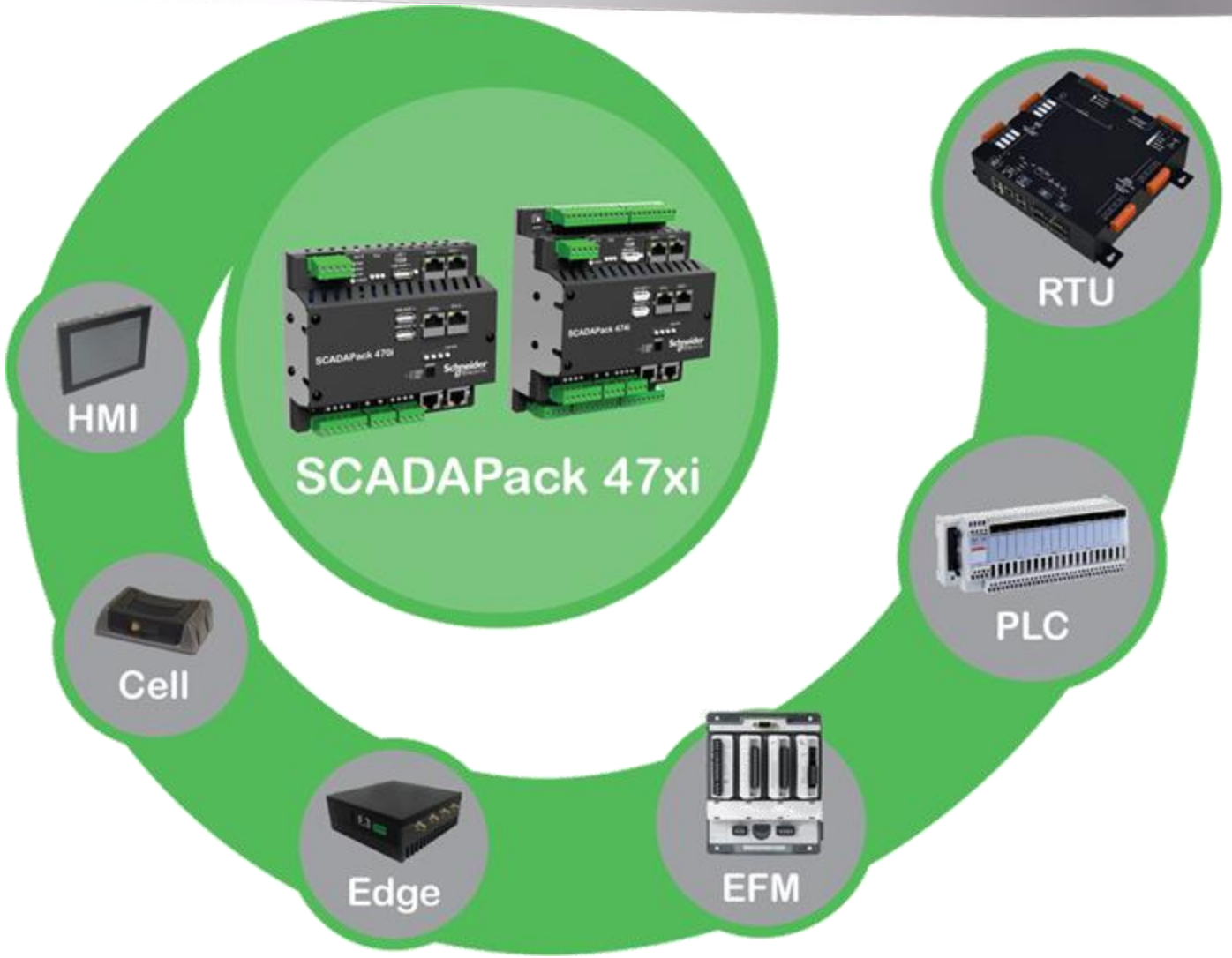
IIoT Protocol Translator

Custom Web Applications
Serving up local HMI

Remote Notifications
SMS & email alternatives

Edge Analytics
Effective Communications boost
Rapid Decision Making

Centralized RTU Credential Control



SCADAPACK 474 | 474i

Remote Smart RTU with Integrated Edge Analytics

Synchronized Database

Between Linux Processor & SCADAPack real-time operating system (RTOS)

Linux Processor Capabilities

Direct access to SCADAPack 470 | 474 onboard I/O

Logic and control operate independently of Linux

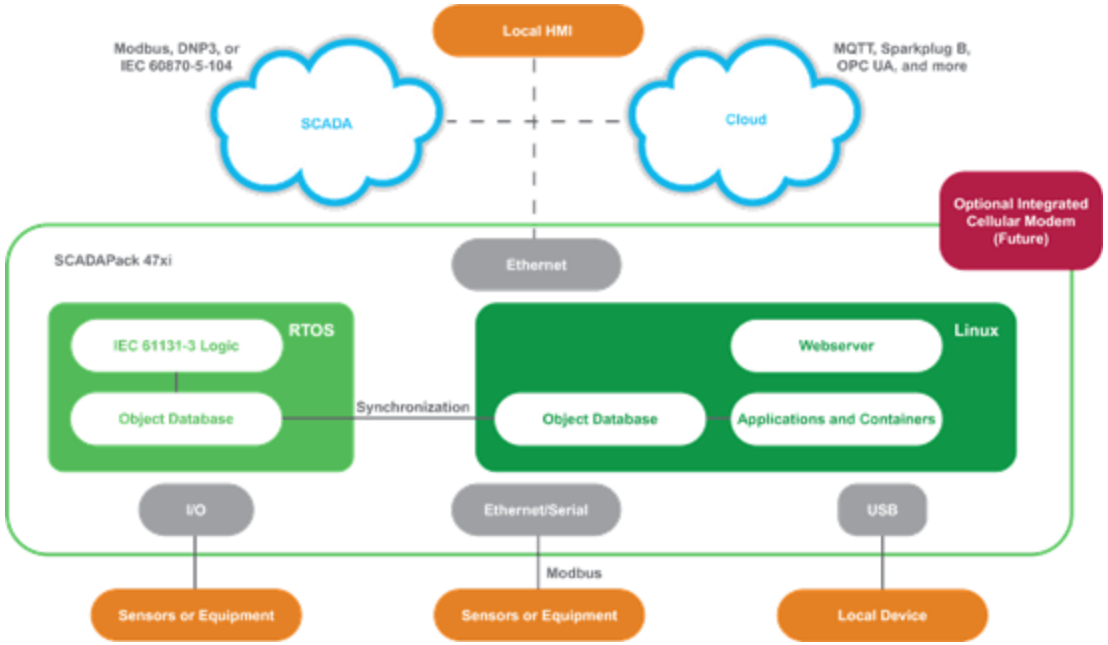
Linux Application Capabilities

Develop Edge Analytics on a RTU using Python®

Linux Distribution based on popular Yocto® tool set for embedded systems

Reduced investment

By exploiting the large ecosystem of Linux-focused tools, libraries, forums



SCADAPACK 474 | 474i
Key Provisions

SCADAPack x70

Cost Effective
Remote Applications
Harsh Environments

Logic Programming Options
Flexible
Full-featured

Industry-standard Telemetry Protocols
With comprehensive Command Sets

EcoStruxure™ Geo SCADA Expert integration

Hazardous Area Certifications
cULus Class I, Div. 2 and ATEX Zone 2

SCADAPack 47xi adds

IIOT & Internet Protocols
MQTT, Sparkplug B, OPC UA, SNMP, and REST API

General Purpose Development Languages
C, C++, or Python

Container Technology
For Development & Deployment
Docker™

Node-RED®

Integrated Webserver
And custom Web Applications

Role-based Access Control

SCADAPACK 474 | 474i

Cyber Aware

Based on Industry Cybersecurity Standard

IEC 62443 SL1

Controlled IP Communications

Using included IP Firewall and Network Address Translation (NAT)

Centralized User Credential Control

And Security Policies on the Edge

Using support for LDAP, Active Directory, and Azure AD[5]

Employs Secure Boot[6]

To resist software-injection attacks by malware and a TPM

To help protect Data stored on the Device

Secure Partitions

Help to ensure that delayed, remote, or aborted firmware and O/S updates do not affect operations

[4] Future release will be SL2.

[5] Anticipated to be available in Q3 2023.

[6] UEFI Secure Boot is a verification mechanism for ensuring that code launched by firmware is trusted.