S4 ESUITE VN ACTUAL COSTING (S4-APC)

Actual manufacturing costs on Oracle NetSuite, the way Vietnamese accounting works.

S4 eSuite VN Actual Costing (S4-APC) is a period-end actual costing package built by S4 Consulting that runs inside Oracle NetSuite. It collects the month's actual costs from the general ledger, allocates them to each work order and finished good, and posts the entries the way Vietnamese accountants book them. No spreadsheets outside the system, no re-keying, and a controlled monthly cost close.

Designed around VAS 02

Normal capacity, abnormal scrap to 632

10-step close

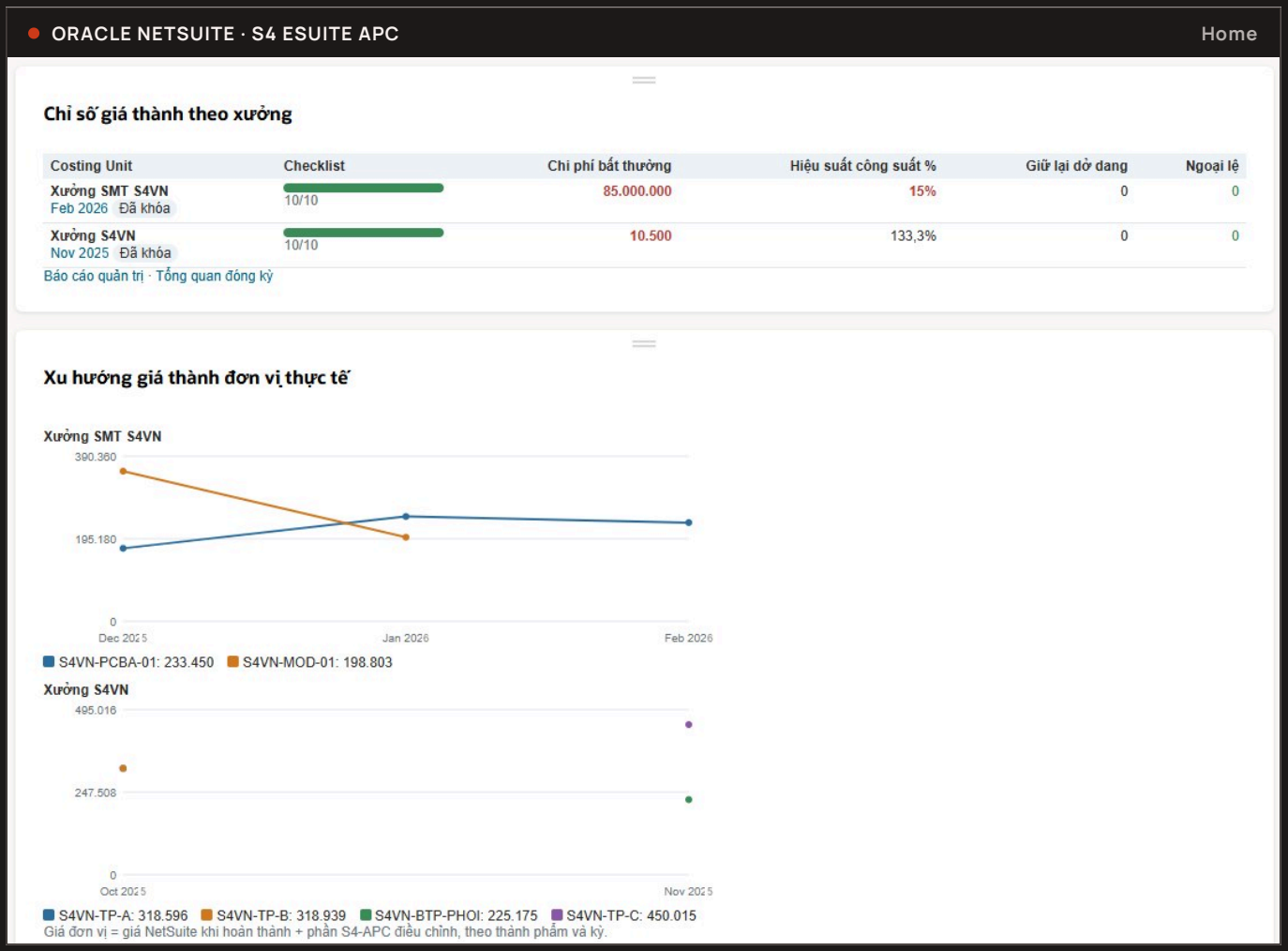
Segregated preparer and approver, period lock

8 allocation bases

Plus a fallback base and plug-ins

18 reports

Dashboard, Excel, PDF, closing file



TWO VIEWS OF COST

Why do plants in Vietnam need a period-end actual cost?

Oracle NetSuite, like other global ERPs, favors immediacy: a completed work order gets a cost right away from material and cost standards, inventory always carries a value and COGS is booked at shipment. Under VAS 02, Vietnamese statutory books also need a second view: the period-end actual cost, including payroll, depreciation, electricity and every production cost of the month. Without it, companies typically face four problems.

01

COST

Product costs miss the real costs of the month

Payroll, depreciation, power and overheads stay in expense accounts and never reach products. When power, wages or depreciation change, the system cost does not.

02

MONTH-END SPREADSHEETS

The most important part sits outside the ERP

Accountants export data to allocate overheads, value WIP and compute scrap, then key adjustments back in. It takes days, depends on one or two people and is hard to defend in an audit.

03

STANDARDS

Inventory, COGS and VAS 02 drift apart

Fixed overhead of a low-volume month is pushed into inventory, abnormal scrap is buried in product cost and account 154 carries balances nobody can explain.

04

MARGIN

No one knows which products sell below cost

Margins by product, customer and invoice look better than reality, and management sees actual costs only weeks after month end.

STANDARD NETSUITE AND S4-APC

NetSuite records production. What does S4-APC add?

S4-APC does not replace the NetSuite costing method. It runs on NetSuite's own manufacturing transactions and fills the gaps Vietnamese manufacturers usually handle in spreadsheets. You keep your current costing method (average, FIFO...) and add one controlled step at month end.

Watch the video

Scan to see S4-APC running on Oracle NetSuite (YouTube, under 4 minutes).

COST POOLS AND ALLOCATION

Every plant costs differently. Configure it in NetSuite.

Accountants define cost pools: source accounts, filters by department, class or location, and whether the pool is variable or fixed. Shared costs such as plant-wide electricity are split across plants by declared percentages that must total 100%. Each pool picks one of eight allocation bases plus a fallback base when the primary base is zero.

- BOM standard quantity
- BOM standard value
- Completed output
- Equivalent output by factor
- Machine or labor hours by routing
- Actual hours
- Actual direct material cost
- Manual or plug-in

ORACLE NETSUITE · S4 ESUITE APC — Cost Pool

Checklist đóng kỳ (10/10) • Kiểm kê (5) • Tiêu hao NVL (5) • Cost Pool (4) • Phân bổ theo lệnh (9) • Phân phối: đã dùng, đã bán, còn tồn (1) • Thẻ giá thành (phần điều chỉnh) (1) • Cl

Cost Pool	Loại	Tính chất	Tiêu thức	Phát sinh	Điều chỉnh	Tổng	Tỷ lệ hấp thụ %	Đã phân bổ	Bất thường (632)	Khớp
Khấu hao dây chuyền SMT	SXC	Cố định	Quy đổi	100,000,000.00	0.00	100,000,000.00	15	15,000,000.00	85,000,000.00	Đạt
Nhân công SMT	Nhân công	Biến đổi	Quy đổi	20,000,000.00	0.00	20,000,000.00	100	20,000,000.00	0.00	Đạt
Điện tổng nhà máy (dùng chung)	SXC	Biến đổi	Sản lượng	6,000,000.00	0.00	6,000,000.00	100	6,000,000.00	0.00	Đạt
Điện xưởng SMT	SXC	Biến đổi	Giá trị BOM	5,000,000.00	0.00	5,000,000.00	100	5,000,000.00	0.00	Đạt

Cost Pool tab (Vietnamese interface): line depreciation absorbed at 15% of normal capacity, the rest moved to COGS 632.

MATERIALS

Actual usage from counts, with abnormal scrap separated.

- Normal loss threshold per material: usage within it goes into product cost, the excess goes to COGS 632.
- Unexplained count differences go to account 1381.
- Four estimation methods: by standard, by usage history, by cycle count, by indirect measurement.
- Other issues such as scrap are classified by account for separate reporting.

ORACLE NETSUITE · S4 ESUITE APC — Materials

Checklist đóng kỳ (10/10) • Kiểm kê (5) • Tiêu hao NVL (5) • Cost Pool (4) • Phân bổ theo lệnh (9) • Phân phối: đã dùng, đã bán, còn tồn (1) • Thẻ giá thành (phần điều chỉnh) (1) •

NVL	Chế độ	Tồn đầu	Nhập	Xuất khác	Đã ghi vào lệnh	Tồn sổ sách	Kiểm kê	Thiếu chưa rõ (1381)	Tiêu hao thực tế	Định mức	Mức bình thường	Vượt mức (632)	Đơn giá	Giá vu m
S4VN-IC-MCU	Phân bổ cuối kỳ	0	300	0	0	300	0	0	300	300	306	0	46,000.00	0
S4VN-SOLDER	Phân bổ cuối kỳ	100	650	0	0	750	140	0	610	600	612	0	500.00	0
S4VN-CAP-100N	Phân bổ cuối kỳ	235	2,600	0	0	2,835	435	0	2,400	2,400	2,448	0	200.00	0
S4VN-PCB-01	Phân bổ cuối kỳ	13.5	320	0	0	333.5	30.5	0	303	300	306	0	30,000.00	0
S4VN-RES-10K	Phân bổ cuối kỳ	770	3,800	0	0	4,570	970	0	3,600	3,600	3,672	0	100.00	0

Material usage for the period: actual usage against standard and normal loss (Vietnamese interface).

COSTING ENGINE

From the month's actual costs to the cost of each finished good.

01
Actual cost collection

Costs come from the NetSuite general ledger into pools for direct labor, variable overhead, fixed overhead and power. Accountants can adjust each pool before calculating.

02
Multi-level production

Semi-finished goods are costed first and their cost flows into the finished goods that consume them. Equivalent output includes ending WIP by percentage of completion.

03
Abnormal costs under VAS 02

Fixed overhead enters product cost only at normal capacity; the unabsorbed part in a low-volume month goes to COGS 632. An approver can accept an abnormal amount into cost, and every override is logged.

04
Work in progress

Ending WIP is valued by weighted average on percentage of completion, carried into the next period and released when the work order completes.

05
Cost distribution

Adjustments are split three ways: consumed as semi-finished goods, sold (COGS 632) and still in stock (revaluing finished goods 155).

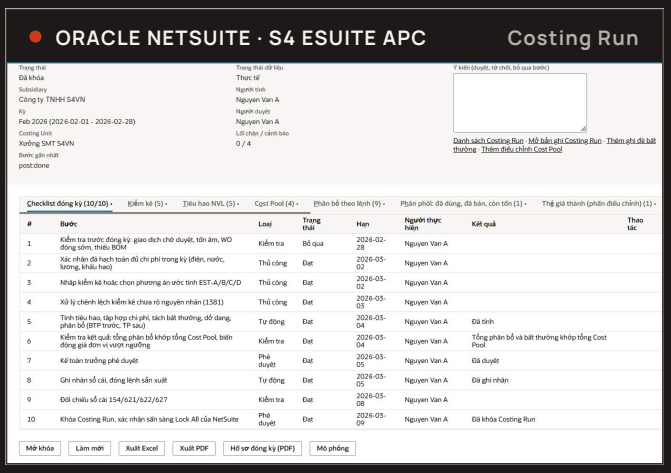
06
Automatic postings, fully reversible

The system creates inventory adjustments, material issues, journal entries and work order closes, with lot, bin and multi-location plants. One action reverses a whole period so the books return to their prior state.

CONTROLLED CLOSE

A 10-step checklist, segregated duties, locked periods.

- **A 10-step checklist** with due dates and an owner for every step.
- **Pre-run checks:** pending approvals, negative stock, work orders closed early, missing BOMs. Simulate results before posting.
- **Automatic reconciliation** of accounts 154, 621, 622 and 627 after posting, aware of shared costs that belong to other plants.
- **Locked periods cannot be changed.** A full activity log and a PDF closing file support the audit.



A locked costing run: 10 checklist steps with due dates, owners and results (Vietnamese interface).

MANAGEMENT REPORTING

From cost numbers to business decisions.

18 management reports and a management dashboard show which products sell below cost, margin by invoice, which cost elements moved this month against last month and how much capacity each plant uses. Every report exports to Excel and PDF.

- Standard vs actual
- Ending WIP
- Cost by element
- Product cost trend
- Price and quantity variance
- Material loss by line and shift
- Energy per unit
- Capacity utilization
- Scrap and scrap cost
- BOM accuracy
- Aged work orders
- Gross margin on actual cost
- Products sold below cost
- Cost bridge between periods
- Cost of inefficiency
- Cost sensitivity
- ABC classification for cycle counts
- Estimate accuracy

ORACLE NETSUITE · S4 ESUITE APC — Reports

S4 Costing - Báo cáo quản trị — Hơn nữa

Xem | Xuất Excel | Xuất PDF

Bộ lọc

Costing Unit: Xưởng SMT S4VN
Báo cáo: So sánh định mức và thực tế
Kỳ: Feb 2026
So sánh với kỳ: Jan 2026
Tăng giá NVL %: 10
Tăng chi phí năng lượng %: 10
Ngưỡng số ngày mở lệnh: 30

So sánh định mức và thực tế - Xưởng SMT S4VN - Feb 2026 (5)

Lệnh sản xuất	Thành phẩm	NVL	Định mức	Đã ghi vào lệnh	Tiêu hao thực tế	Chênh lệch lượng	Chênh lệch %	Giá trị chênh lệch
WO880	S4VN-PCBA-01	S4VN-IC-MCU	300	0	300	0	0	0.00
WO880	S4VN-PCBA-01	S4VN-SOLDER	600	0	610	10	1.67	5,000.00
WO880	S4VN-PCBA-01	S4VN-CAP-100N	2,400	0	2,400	0	0	0.00
WO880	S4VN-PCBA-01	S4VN-PCB-01	300	0	303	3	1	90,000.00
WO880	S4VN-PCBA-01	S4VN-RES-10K	3,600	0	3,600	0	0	0.00

Xem | Xuất Excel | Xuất PDF

Standard vs actual report: quantity, percentage and value variances by work order and material (Vietnamese interface).

STANDARD NETSUITE AND S4-APC

NetSuite records production. What does S4-APC add?

AREA	STANDARD NETSUITE	WHAT S4-APC ADDS
Finished goods cost	Materials issued to the work order plus labor and overhead at predefined rates (Manufacturing Cost Template).	Actual costs of the month from the GL (payroll, depreciation, power...) allocated to each work order and finished good.
Manufacturing overhead	Booked to expense accounts, does not flow into product cost by itself.	Pooled and allocated on 8 bases; shared costs split across plants.
Low capacity	Unabsorbed fixed cost is not separated.	Fixed overhead not absorbed because output is below normal capacity goes to COGS 632, per VAS 02.
Material usage	Backflush standards or issued quantities; count differences to an inventory adjustment account.	Actual usage from counts or estimates; normal loss into cost, excess to 632, unexplained shortages to 1381.
Ending WIP	Balance of open work orders.	Weighted-average WIP valuation by percentage of completion, carried forward.
Sold vs in stock	COGS fixed at the cost when shipped.	Adjustments split to COGS 632 for sold goods, inventory 155 for stock on hand and semi-finished goods consumed downstream.
Period close	Generic financial close checklist.	Costing-specific checklist, pre-run checks, segregated preparer and approver, reversal and rerun, 154/621/622/627 reconciliation, period lock.
Reporting	Inventory, production and standard COGS reports.	Cost cards by element, standard vs actual, cost trends, sales below cost, cost bridge between periods, capacity utilization, dashboard.

Standard NetSuite behavior described here reflects common configurations (Manufacturing Cost Template, Standard Costing) and may differ by release and enabled features.

LEGAL BASIS

Which Vietnamese rules is S4-APC designed around?

BASIS	RELEVANT REQUIREMENT	HOW S4-APC RESPONDS
Law on Accounting 88/2015/QH13	Truthful records backed by documents; period-end counts and book closing.	Entries generated from NetSuite GL and documents with preparer, approver and lock time; usage derived from period-end counts.
VAS 02 Inventories	Cost of finished goods covers direct materials, direct labor and overhead; fixed overhead allocated at normal capacity.	All three elements allocated to each work order and product; normal capacity declared per plant, unabsorbed part to 632.
VAS 02, costs excluded from inventory	Material, labor and other costs above normal levels.	Normal loss thresholds per material; the excess goes to 632.
Vietnamese accounting regime	Postings through 621, 622, 627, 154, 155, 632; unexplained shortages to 1381; ending WIP valuation.	Accounts mapped by configuration to the regime in use, including Circular 99/2025/TT-BTC; 154/621/622/627 reconciliation.
Corporate income tax rules on costs	Companies set and keep material usage standards as supporting evidence.	Keeps standards for each locked period, compares them with actuals and supports cost explanations with the PDF closing file.

BENEFITS BY ROLE

What does each team get?

01

CEO and management

True cost and margin by product, customer and invoice for pricing and bids.

Early warning on items sold below cost.

Why cost moved between two periods, by cost element.

02

Plant director

Capacity utilization by plant and the cost of idle capacity.

Which materials exceed standard, on which work orders.

Energy, scrap and BOM accuracy as a basis to update standards.

03

Chief accountant and cost accountant

No more costing spreadsheets: allocation, WIP, scrap and posting run in NetSuite.

A checklist-driven close that does not depend on one person.

Reverse and rerun when needed; no unexplained 154 balances.

04

Auditors and tax

Entries designed around VAS 02: unabsorbed fixed cost and abnormal scrap expensed in the period.

Every number traces back: cost source, base, preparer, approver, lock time.

A PDF closing file to archive and explain.

05

IT and ERP owners

Full value from the NetSuite investment, no extra system, no integration.

Keep the current costing method and production process.

Roll out to new plants or subsidiaries by copying configuration.

06

In short

Right cost numbers.

A fast, controlled close.

Decisions based on real profit.

ORACLE NETSUITE LOCALIZATION

Other S4 packages on NetSuite

Circular 99 accounting localization	Registers, financial statements, paired entries
S4 eSuite FAM	Fixed assets and tools
E-invoice integration	Output e-invoices from NetSuite
Bank integration	Reconciliation and payments

ABOUT S4 CONSULTING

Know what each product costs and earns, right after close.

S4 Consulting is an Oracle NetSuite consulting firm in Vietnam and Acumatica Gold Partner, building the Circular 99 accounting localization, S4 eSuite FAM, e-invoicing and other S4 eSuite modules on NetSuite. The Fast & Saving method shortens ERP project time and cost.

Product page

WEBSITE
s4.com.vn/en

EMAIL
ERP@s4.com.vn

PHONE
(+84) 93 2724 396

Screens in this brochure were captured on Oracle NetSuite with the Vietnamese interface; figures are illustrative. Regulatory content reflects the Law on Accounting 88/2015/QH13, VAS 02 and Circular 99/2025/TT-BTC as of October 2026.