THOMAS EAPEN · SELECTED WORK

Reporting and analytics

Comparing a plan, a saved snapshot and observed activity, then checking the detail behind a difference.

Synthetic example · independently invented data

One-page print edition · A3 landscape

01 / ALIGN

Use consistent definitions

Keep calculations consistent between a summary and its supporting detail.

02 / COMPARE

Make changes visible

Bring the plan, saved snapshot and observed activity into the same view.

03 / FOLLOW UP

Trace the difference

Move from a question in the overview to the records that explain it.

SYNTHETIC DEMONSTRATION

One set of inputs. Two reporting views.

All groups, activities, values and review rules are independently invented.

01 Compare the overview

Group totals · illustrative hours

Group A — Within range · -2 h

Plan	168
Snapshot	162
Observed	160

Group B — Review · +6 h

Plan	192
Snapshot	180
Observed	186

Group C — Within range · -2 h

Plan	144
Snapshot	150
Observed	148

Shared scale: 0–200 h. Review when the absolute change from snapshot is at least 5 h.

02 Inspect the supporting detail

Group B · the same inputs, grouped by activity

Observed – snapshot

+6 h

The overview flags this group. Its activity rows explain the difference.

Activity	Plan	Snapshot	Observed	Change
Activity A	84	78	82	+4
Activity B	60	58	60	+2
Activity C	48	44	44	0
Group B total	**192**	**180**	**186**	**+6**

Activity A: +4 h · Activity B: +2 h

= **Reconcile before interpreting.** The detail totals match the overview: 192 planned, 180 at snapshot and 186 observed hours for Group B.

Same definitions
Same totals

Colleagues contributed to the visual design of the original reports. These new illustrative views preserve the comparison and drill-down approach, with independently invented data.

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New illustrative material explaining the approach. Values, configurations and results shown here are not historical workplace records.