Technology in the PwC Audit
Driving innovation
At PwC, we are driving audit innovation, with technology at its heart. The ability to merge market-leading technology with the skills of our people and a robust audit approach is now central to our global audit strategy and delivery. It is the fusion of these three elements that defines our value and drives the audit. The result is quality, efficiency and insight, delivered in equal measure.

Humphrey Choi | China, Hong Kong and Asia Pacific Assurance Leader
We are at the forefront of the profession in the way we are re-engineering and bringing innovation to the audit with three unique technologies — Aura, Halo and Connect.

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Aura, our single instance software, ensures that things are done one way — the right way — consistently and efficiently, globally and locally. It is used by 87,000 auditors worldwide, on every PwC audit. The result is all of the elements of our audit fitting together seamlessly.
Aura. Our global ERP system driving global quality and consistency.

**Aura’s key benefits:**

1. **Single instance global software** with embedded industry IP enabling consistency, synergy and scale.

2. **A systematic risk-based approach**, meaning we focus on the things that matter.

3. **Workflow technology** that allocates audit procedures and individual tasks on personalised dashboards, enabling the timely execution and review of work.

4. **A workshare feature** designed for shared service centres and multi-location audits, allowing us to work collaboratively, eliminating duplication.

5. **Real time monitoring** of engagement quality and progress — available on mobile devices, any time, anywhere.

**Risk benchmarking and insight**

Aura allows us to benchmark across our client portfolio and provide valuable insights.

**Intelligent risk assessment**

Risk settings enable teams to tailor Aura to specific scenarios, taking account of risk levels, controls reliance and substantive testing.

**Quality checks built in**

Aura has built-in quality checks, helping teams determine the right level of work.

**Reduces duplication and omission**

Aura comes with preloaded risk software that helps us identify the right risks and do the right work against them.
Aura workflow technology. Enables appropriate review and supervision of audit work.

Automated workflow
Aura’s workflow technology allocates audit procedures and individual tasks, tracked on personalised dashboards.

Innovative interface
In-built voice recognition enables teams to work with the technology in new ways.
Aura Now. Real time, on-the-go information on the quality and status of engagements.

Access on the go
Aura Now acts as an early warning system, providing real time information on the quality and status of engagements.

Early warnings
Aura Now’s powerful monitoring and analytics capabilities enable a smooth close process.

Focusing effort
With just a few clicks on a smartphone, tablet or laptop, progress can be visualised, highlighting areas where we need to focus.
Count. Automates the recording of inventory count testing.

Real-time syncing
Enables real time tracking of status by engagement teams

Submit results for inclusion in Aura
Summary of results are aggregated for export into Aura

Quality and consistency
A standard set of questions is completed to conclude the process

At a glance status
Overall status capturing inventory count progress
**PwC’s Confirmation System.** Automates the end-to-end external confirmation process.

**Accessibility**
The enhanced process works for most types of confirmation and includes a language translation capability.

**In-built logic and visual indicators**
Enhances user experience for both auditor and confirmers.

**Secure and ISA compliant**
Automated system including export to Aura and supports paper confirmation.

**Streamlined process**
Details are entered once and tracked throughout enabling a secure and efficient process.

**Technology in the PwC Audit**

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Halo, PwC’s data auditing technology, is revolutionising our audits, enabling greater assurance and deeper insight by harnessing the power of data. It scans huge volumes of business-critical data, enabling improved risk assessment, analysis and testing, and unlocking insight.
Halo. Market-leading data-auditing technology that scans and visualises information.

Halo’s key benefits:

1. With Halo, all transactions can be interrogated. This increases the quality of testing and helps us better assess risk and focus on the things that really matter.

2. Halo is designed to work on any information from any system. This not only makes Halo accessible to all of our clients, it also drives our ability to benchmark and provide insight.

3. Testing can now be performed off-site and throughout the year, supporting a smoother audit process.

4. Halo’s in-built algorithms, visualisations and benchmarking help our teams better understand our clients’ businesses and provide meaningful insights.

Halo for Journals dashboard

A snapshot of your business
Key metrics deliver insight and enable comparison with others

Insight on users
Metrics provide a profile of users, highlighting unusual activity

Built-in tests
Our IP is embedded into algorithms, built on our global knowledge and experience
**Halo for Journals.** Helps identify higher risk transactions and process inefficiencies.

Are journals being posted when you wouldn’t expect them to be?

Are there unexpected journals posted to key accounts?

Is someone outside of the finance department posting journals?

Are people wasting time posting entries twice, or reversing them?
We have built a number of Halo applications for different industries and risks. Here are a few examples.
Connect is our collaborative workflow tool, providing fast, efficient and secure information sharing at every stage of the audit. It monitors the status of information flows on a real time basis. It is available on smartphones, tablets and PCs, allowing both you and us to check progress on the go — any time, anywhere.
Connect. Fast, efficient and secure information sharing at every stage.

Connect’s key benefits:

1. **Access wherever you are.** Connect is available worldwide, meaning PwC and clients can access and view information relevant to their location.

2. **A secure web-based tool.** With Connect, teams can request, access and exchange audit documents and deliverables, and review the status of information requests securely.

3. **Consolidated dashboards.** Connect consolidates audit-related issues, what is being done to resolve them and progress tracking in real time.

4. **PwC experience.** Connect is a gateway into a wealth of PwC experience, giving you access to thought leadership and industry news.

**Real time tracking**
The personalised dashboard allows clients and audit teams to track status at an overall engagement and individual level.

**Key events**
Notification of up and coming events and deadlines are shared with all team members.
We are constantly investing in technology that takes the audit to the next level to meet the changing needs of our clients. We are exploring how AI can deliver even greater levels of reliability, efficiency and insight.
It is the fusion of outstanding people with market-leading technology and a robust approach that makes the PwC difference.