

Deduction Mysteries

CASE 01

A strategy deck was taken from the secure terminal of Atlas Group between 02:45 and 04:00. The operation required specific qualifications and access. 7 suspects: Tarek (HR director), Vera (executive assistant), Eitan (CFO), Amari (IT administrator), Alejandro (intern), Xiomara (legal counsel), Kasper (senior engineer).

Q Who took the strategy deck?

1. The corporate theft required a custom-machined tool stocked only in equipment closet B.
2. Tarek's door access record shows continuous presence in a separate building.
3. Alejandro was seen near the data center earlier that evening, but they had left the building by 20:25 and never returned.
4. A trace at the scene – a custom-machined tool stocked only in equipment closet B – matches inventory accessible only to Amari.
5. Vera had the qualifications but family was visiting during the window – third-party verified.
6. Xiomara lacks the required professional training – confirmed by personnel records.
7. Eitan was at a documented training during the window – verified by witness account.
8. Three independent requirements: professional training, employee badge access, and presence at the secure terminal during the 02:45–04:00 window.
9. Kasper's elevator log shows continuous presence in a separate building.
- 10 Amari stated they left the building at 22:00, but the badge access record shows their document-room code active at 02:45.
- 11 Alejandro's employee badge was revoked two weeks prior; archived access list confirms.
- 12 Amari has all three required qualifications.

CASE 02

The prototype specifications were taken from the records vault of Meridian Capital between 03:00 and 05:00. The operation required specific qualifications and access. 7 suspects: Ravi (HR director), Cassia (intern), Yara (executive assistant), Isolde (legal counsel), Akhil (facilities coordinator), Theo (senior engineer), Sora (CFO).

Q Who took the prototype specifications?

1. Akhil had the qualifications but family was visiting during the window – third-party verified.
2. The corporate theft required a specific paint formulation only stocked in the restoration lab.
3. Theo had the qualifications but was hospitalized during the window – third-party verified.
4. Cassia had the qualifications but was on a flight during the window – third-party verified.
5. Yara's VPN session log shows continuous presence in a separate building.
6. Three independent requirements: professional training, VPN access access, and presence at the records vault during the 03:00–05:00 window.
7. A trace at the scene – a specific paint formulation only stocked in the restoration lab – matches inventory accessible only to Sora.
8. Ravi's VPN access was revoked two weeks prior; archived access list confirms.
9. Isolde lacks the required professional training – confirmed by personnel records.
- 10 Sora has all three required qualifications.
- 11 Cassia was seen near the secure terminal earlier that evening, but they had left the building by 21:50 and never returned.
- 12 Sora stated they left the building at 22:05, but the elevator log shows their elevator key active at 03:00.

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CASE 03

An archive password log was taken from the special collections room of Pemberton Research Library between 00:45 and 02:00. The operation required specific qualifications and access. 7 suspects: Dario (visiting scholar), Bram (research assistant), Yvonne (reference librarian), Gemma (rare-books curator), Quentin (head librarian), Octavia (volunteer), Meriel (custodian).

Q Who took the archive password log?

1. Gemma stated they left the building at 23:35, but the door sensor history shows their staff key active at 00:45.
2. Quentin was at a documented hospital appointment during the window – verified by badge swipe.
3. Meriel was at a documented training during the window – verified by security camera.
4. A trace at the scene – a digital certificate issued only to senior staff – matches inventory accessible only to Gemma.
5. Bram had the qualifications but was on a flight during the window – third-party verified.
6. The theft required a digital certificate issued only to senior staff.
7. Three independent requirements: professional expertise, archive badge access, and presence at the special collections room during the 00:45-02:00 window.
8. Yvonne's witness patron shows continuous presence in a separate building.
9. Gemma has all three required qualifications.
- 10 Dario had the qualifications but was on a flight during the window – third-party verified.
- 11 Bram was seen near the restoration room earlier that evening, but they had left the building . by 21:10 and never returned.

CASE 04

A sealed contract was taken from the executive suite of Brightline Holdings between 01:15 and 03:30. The operation required specific qualifications and access. 7 suspects: Ezra (CFO), Omari (legal counsel), Leila (senior engineer), Kiran (intern), Oren (facilities coordinator), Quentin (records clerk), Diallo (security officer).

Q Who took the sealed contract?

1. Omari's security badge log shows continuous presence in a separate building.
2. Omari was seen near the CEO office earlier that evening, but they had left the building by 20:10 and never returned.
3. Three independent requirements: professional expertise, elevator key access, and presence at the executive suite during the 01:15-03:30 window.
4. Leila stated they left the building at 22:20, but the parking-lot camera shows their elevator key active at 01:15.
5. Quentin lacks the required professional expertise – confirmed by personnel records.
6. Oren's door access record shows continuous presence in a separate building.
7. A trace at the scene – a specific paint formulation only stocked in the restoration lab – matches inventory accessible only to Leila.
8. Leila has all three required qualifications.
9. The corporate theft required a specific paint formulation only stocked in the restoration lab.
- 10 Ezra's elevator key was revoked two weeks prior; archived access list confirms.
- 11 Diallo lacks the required professional expertise – confirmed by personnel records.
- 12 Kiran's witness account shows continuous presence in a separate building.

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CASE 05

A special collection key was taken from the reading room of Aldermarsh Library between 03:15 and 05:15. The operation required specific qualifications and access. 7 suspects: Iolanthe (rare-books curator), Xanthe (visiting scholar), Nizar (intern), Pavel (head librarian), Hakim (reference librarian), Sora (custodian), Darya (archivist).

Q Who took the special collection key?

1. Xanthe lacks the required professional training – confirmed by personnel records.
2. Sora stated they left the building at 22:55, but the network authentication record shows their reading-room pass active at 03:15.
3. Nizar had the qualifications but family was visiting during the window – third-party verified.
4. Three independent requirements: professional training, reading-room pass access, and presence at the reading room during the 03:15-05:15 window.
5. Xanthe was seen near the special collections room earlier that evening, but they had left the building by 21:55 and never returned.
6. Iolanthe's security camera shows continuous presence in a separate building.
7. A trace at the scene – a stamped seal serial number from a controlled supply closet – matches inventory accessible only to Sora.
8. Darya was at a documented conference during the window – verified by badge swipe.
9. Sora has all three required qualifications.
- 10 Pavel had the qualifications but was hospitalized during the window – third-party verified.
- 11 Hakim's security camera shows continuous presence in a separate building.
- 12 The theft required a stamped seal serial number from a controlled supply closet.

CASE 06

A member roster was taken from the press box of Helix Sports Complex between 00:30 and 02:00. The operation required specific qualifications and access. 7 suspects: Idris (athletic trainer), Cedric (rookie player), Meriel (equipment manager), Jian (assistant coach), Hiroshi (team captain), Gunnar (head coach), Eira (star player).

Q Who took the member roster?

1. Eira lacks the required professional training – confirmed by personnel records.
2. Cedric's equipment-room key was revoked two weeks prior; archived access list confirms.
3. Idris was at a documented hospital appointment during the window – verified by witness teammate.
4. The theft required a specific paint formulation only stocked in the restoration lab.
5. Hiroshi has all three required qualifications.
6. Three independent requirements: professional training, equipment-room key access, and presence at the press box during the 00:30-02:00 window.
7. Hiroshi stated they left the building at 23:20, but the elevator log shows their equipment-room key active at 00:30.
8. Meriel's equipment-room key was revoked two weeks prior; archived access list confirms.
9. Gunnar had the qualifications but family was visiting during the window – third-party verified.
- 10 Gunnar was seen near the main court earlier that evening, but they had left the building by . 21:20 and never returned.
- 11 A trace at the scene – a specific paint formulation only stocked in the restoration lab – . matches inventory accessible only to Hiroshi.

Answer Key – Deduction Mysteries

Solve before peeking. Correct suspect and key reasoning steps below.

Case 01 **undefined**) Amari

- ☐ Three requirements (professional training, employee badge, presence at the secure terminal during the 02:45-04:00 window) plus a technical trace narrow this case.
 - ☐ Tarek eliminated by alibi or missing qualification.
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Case 02 **E**) Sora

- ☐ Three requirements (professional training, VPN access, presence at the records vault during the 03:00-05:00 window) plus a technical trace narrow this case.
 - ☐ Ravi eliminated by alibi or missing qualification.
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Case 03 **C**) Gemma

- ☐ Three requirements (professional expertise, archive badge, presence at the special collections room during the 00:45-02:00 window) plus a technical trace narrow this case.
 - ☐ Dario eliminated by alibi or missing qualification.
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Case 04 **A**) Leila

- ☐ Three requirements (professional expertise, elevator key, presence at the executive suite during the 01:15-03:30 window) plus a technical trace narrow this case.
 - ☐ Ezra eliminated by alibi or missing qualification.
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Case 05 **F**) Sora

- ☐ Three requirements (professional training, reading-room pass, presence at the reading room during the 03:15-05:15 window) plus a technical trace narrow this case.
 - ☐ Iolanthe eliminated by alibi or missing qualification.
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Case 06 **E**) Hiroshi

- ☐ Three requirements (professional training, equipment-room key, presence at the press box during the 00:30-02:00 window) plus a technical trace narrow this case.
- ☐ Idris eliminated by alibi or missing qualification.