

Deduction Mysteries

CASE 01

The board minutes were taken from the secure terminal of Helix Corporation between 15:30 and 18:15. The operation required required certifications. Five people had any plausible connection: Galina (executive assistant), Akira (HR director), Yara (CFO), Mikael (intern), Diallo (legal counsel).

Q Who took the board minutes?

1. Mikael's document-room code was not used at any point during the window.
2. The corporate theft required required certifications – only Diallo and Yara have this among the five.
3. Mikael was documented by the elevator log in a different building during the window.
4. Diallo's door access record confirms they were at the remote facility from 15:30 to 18:15.
5. Akira was documented by the witness account in a different building during the window.
6. The secure terminal is normally accessed only via document-room code, and Yara's VPN access was used at 15:30.
7. Galina was at a scheduled external meeting during the window.
8. Yara claims to have been working alone in their office during the window. No supporting evidence has been provided.

CASE 02

A rare first edition was taken from the reading room of Aldermarsh Library between 14:00 and 17:15. The operation required specialized access privileges. Five people had any plausible connection: Cedric (rare-books curator), Hadley (archivist), Kai (volunteer), Vera (cataloger), Gunnar (head librarian).

Q Who took the rare first edition?

1. Gunnar's staff key was not used at any point during the window.
2. Vera was at a scheduled training course during the window.
3. Cedric's badge swipe confirms they were at the off-site location from 14:00 to 17:15.
4. Hadley claims to have been working alone in their office during the window. No supporting evidence has been provided.
5. The theft required specialized access privileges – only Cedric and Hadley have this among the five.
6. Gunnar was at a scheduled external meeting during the window.
7. The reading room is normally accessed only via vault key, and Hadley's staff key was used at 14:00.

CASE 03

A strategy deck was taken from the executive suite of Northgate Partners between 16:10 and 18:10. The operation required authorized credentials. Five people had any plausible connection: Frida (senior engineer), Selene (CFO), Zoltan (facilities coordinator), Thora (records clerk), Bao (security officer).

Q Who took the strategy deck?

1. The corporate theft required authorized credentials – only Zoltan and Thora have this among the five.
2. Thora's door access record confirms they were at the external office from 16:10 to 18:10.
3. Zoltan claims to have been out for a long break during the window. No supporting evidence has been provided.
4. The executive suite is normally accessed only via elevator key, and Zoltan's employee badge was used at 16:10.
5. Frida was at a scheduled external meeting during the window.
6. Selene was at the front desk the entire window during the window.
7. Bao was at a scheduled conference call during the window.

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CASE 04

A sports trophy was taken from the principal's office of Pemberton School between 16:40 and 19:10. The operation required expert knowledge of the system. Five people had any plausible connection: Helena (principal), Olive (teacher), Tariq (janitor), Katarina (secretary), Galina (coach).

Q Who took the sports trophy?

1. Tariq's staff key was not used at any point during the window.
2. Galina claims to have been offsite for a personal errand during the window. No supporting evidence has been provided.
3. Olive was documented by the printer log in a different building during the window.
4. The theft required expert knowledge of the system – only Galina and Helena have this among the five.
5. Helena's witness statement confirms they were at the external office from 16:40 to 19:10.
6. The principal's office is normally accessed only via staff key, and Galina's keypad code was used at 16:40.
7. Katarina was at a scheduled training course during the window.

CASE 05

An internal API key was extracted from the DevOps room of Brightline Software between 13:20 and 16:00. The operation required required certifications. Five people had any plausible connection: Eleni (security analyst), Kiran (contractor), Ronan (product manager), Ines (support lead), Joaquin (data scientist).

Q Who extracted the internal API key?

1. Ronan was at a scheduled conference call during the window.
2. The DevOps room is normally accessed only via MFA device, and Joaquin's SSH key was used at 13:20.
3. Ines was at a scheduled external meeting during the window.
4. The data theft required required certifications – only Joaquin and Eleni have this among the five.
5. Ines's MFA device was not used at any point during the window.
6. Joaquin claims to have been offsite for a personal errand during the window. No supporting evidence has been provided.
7. Eleni's CCTV camera confirms they were at the off-site location from 13:20 to 16:00.

CASE 06

A production database was extracted from the war room of Solstice Labs between 13:40 and 16:10. The operation required expert knowledge of the system. Five people had any plausible connection: Anastasia (CTO), Sora (senior engineer), Kerensa (site-reliability engineer), Magnus (intern), Elspeth (product manager).

Q Who extracted the production database?

1. The data theft required expert knowledge of the system – only Sora and Magnus have this among the five.
2. Sora's SSH authentication log confirms they were at the off-site location from 13:40 to 16:10.
3. Anastasia's SSH key was not used at any point during the window.
4. Anastasia was documented by the CCTV camera in a different building during the window.
5. The war room is normally accessed only via admin token, and Magnus's admin token was used at 13:40.
6. Magnus claims to have been out for a long break during the window. No supporting evidence has been provided.
7. Elspeth was at a scheduled external meeting during the window.

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CASE 07

A rare ingredient was taken from the pastry station of The Briar Room between 16:30 and 18:10. The operation required required certifications. Five people had any plausible connection: Ulla (pastry chef), Zara (bartender), Klaus (server), Polina (host), Jian (head chef).

Q Who took the rare ingredient?

1. Jian's witness server confirms they were at the remote facility from 16:30 to 18:10.
 2. Klaus was at a scheduled conference call during the window.
 3. Polina claims to have been working alone in their office during the window. No supporting evidence has been provided.
 4. The pastry station is normally accessed only via cellar key, and Polina's master key was used at 16:30.
 5. Ulla was documented by the reservation system in a different building during the window.
 6. Zara was documented by the time-clock record in a different building during the window.
 7. The theft required required certifications – only Jian and Polina have this among the five.
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CASE 08

A rare coin set was taken from the archive room of Argent Gallery between 15:00 and 17:10. The operation required authorized credentials. Five people had any plausible connection: Alejandro (art restorer), Joaquin (janitor), Hiroshi (night security), Thora (tour guide), Lana (curator).

Q Who took the rare coin set?

1. The theft required authorized credentials – only Lana and Joaquin have this among the five.
 2. Hiroshi was documented by the motion sensor in a different building during the window.
 3. Joaquin claims to have been offsite for a personal errand during the window. No supporting evidence has been provided.
 4. Alejandro was at the main office the entire window during the window.
 5. Thora was at the main office the entire window during the window.
 6. The archive room is normally accessed only via master key, and Joaquin's elevator access was used at 15:00.
 7. Lana's security camera confirms they were at the remote facility from 15:00 to 17:10.
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CASE 09

A sealed parts shipment was taken from the welding bay of Helix Restoration between 13:45 and 15:45. The operation required expert knowledge of the system. Five people had any plausible connection: Eleni (quality inspector), Nizar (parts clerk), Tarek (master mechanic), Hiroshi (customer service rep), Alejandro (welder).

Q Who took the sealed parts shipment?

1. Alejandro claims to have been offsite for a personal errand during the window. No supporting evidence has been provided.
2. Nizar was at a scheduled training course during the window.
3. Tarek's parts-room code was not used at any point during the window.
4. Hiroshi was at a scheduled external meeting during the window.
5. The welding bay is normally accessed only via shop key, and Alejandro's shop key was used at 13:45.
6. Tarek was at the external facility the entire window during the window.
7. The theft required expert knowledge of the system – only Eleni and Alejandro have this among the five.

Answer Key – Deduction Mysteries

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

Case 01 B) Yara

- ☐ The corporate theft required required certifications.
 - ☐ Galina lacks the required skill – cleared.
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Case 02 A) Hadley

- ☐ The theft required specialized access privileges.
 - ☐ Kai lacks the required skill – cleared.
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Case 03 A) Zoltan

- ☐ The corporate theft required authorized credentials.
 - ☐ Frida lacks the required skill – cleared.
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Case 04 C) Galina

- ☐ The theft required expert knowledge of the system.
 - ☐ Olive lacks the required skill – cleared.
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Case 05 B) Joaquin

- ☐ The data theft required required certifications.
 - ☐ Kiran lacks the required skill – cleared.
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Case 06 D) Magnus

- ☐ The data theft required expert knowledge of the system.
 - ☐ Anastasia lacks the required skill – cleared.
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Case 07 B) Polina

- ☐ The theft required required certifications.
 - ☐ Ulla lacks the required skill – cleared.
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Case 08 B) Joaquin

- ☐ The theft required authorized credentials.
 - ☐ Alejandro lacks the required skill – cleared.
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Case 09 C) Alejandro

- ☐ The theft required expert knowledge of the system.
- ☐ Nizar lacks the required skill – cleared.