

Deduction Mysteries

CASE 01

A sealed contract was taken from the server room of Meridian Capital between 13:40 and 16:15. The operation required specialized access privileges. Five people had any plausible connection: Zoltan (intern), Bayan (senior engineer), Cedric (CFO), Joaquin (records clerk), Cosima (HR director).

Q Who took the sealed contract?

1. Cosima claims to have been offsite for a personal errand during the window. No supporting evidence has been provided.
2. The server room is normally accessed only via employee badge, and Cosima's employee badge was used at 13:40.
3. Joaquin was at the external facility the entire window during the window.
4. Cedric's printer log confirms they were at the external office from 13:40 to 16:15.
5. Zoltan was documented by the elevator log in a different building during the window.
6. The corporate theft required specialized access privileges – only Cosima and Cedric have this among the five.

CASE 02

A cell culture was swapped from the sample storage of Pemberton Pharmaceuticals between 16:15 and 19:10. The operation required expert knowledge of the system. Five people had any plausible connection: Hiroshi (graduate student), Suri (clinical coordinator), Fariha (postdoctoral researcher), Dimitri (visiting scientist), Yusuf (lab technician).

Q Who swapped the cell culture?

1. Suri claims to have been out for a long break during the window. No supporting evidence has been provided.
2. The sample storage is normally accessed only via lab badge, and Suri's lab badge was used at 16:15.
3. Dimitri's freezer key was not used at any point during the window.
4. Hiroshi was at a scheduled conference call during the window.
5. Yusuf was documented by the freezer access log in a different building during the window.
6. Fariha's sample log confirms they were at the remote facility from 16:15 to 19:10.
7. Dimitri was at the external facility the entire window during the window.

CASE 03

A strategy deck was taken from the secure terminal of Brightline Holdings between 14:30 and 16:30. The operation required expert knowledge of the system. Five people had any plausible connection: Omari (intern), Arjun (security officer), Ramona (records clerk), Akhil (legal counsel), Etienne (IT administrator).

Q Who took the strategy deck?

1. Etienne was documented by the printer log in a different building during the window.
2. Akhil was at a scheduled external meeting during the window.
3. Omari's security badge log confirms they were at the remote facility from 14:30 to 16:30.
4. Ramona claims to have been working alone in their office during the window. No supporting evidence has been provided.
5. Arjun was at the external facility the entire window during the window.
6. The corporate theft required expert knowledge of the system – only Omari and Ramona have this among the five.
7. The secure terminal is normally accessed only via employee badge, and Ramona's document-room code was used at 14:30.

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CASE 04

The master plans were taken from the welding bay of Helix Restoration between 15:30 and 17:00. The operation required technical training. Five people had any plausible connection: Roksana (quality inspector), Ula (parts clerk), Hasan (welder), Sora (painter), Leila (electrician).

Q Who took the master plans?

1. Roksana's witness coworker confirms they were at the remote facility from 15:30 to 17:00.
2. Leila's parts-room code was not used at any point during the window.
3. Sora was at a scheduled conference call during the window.
4. The theft required technical training – only Roksana and Ula have this among the five.
5. Ula claims to have been out for a long break during the window. No supporting evidence has been provided.
6. The welding bay is normally accessed only via tool-crib key, and Ula's parts-room code was used at 15:30.
7. Leila was at a scheduled external meeting during the window.
8. Hasan was at the front desk the entire window during the window.

CASE 05

The client's car keys were taken from the engine assembly area of Saint-Clair Machining between 14:30 and 17:15. The operation required required certifications. Five people had any plausible connection: Simeon (apprentice), Zinnia (master mechanic), Diallo (shop manager), Ulla (quality inspector), Beatrix (machinist).

Q Who took the client's car keys?

1. Beatrix was documented by the tool-checkout log in a different building during the window.
2. Zinnia claims to have been working alone in their office during the window. No supporting evidence has been provided.
3. Simeon's door sensor confirms they were at the external office from 14:30 to 17:15.
4. Ulla was documented by the door sensor in a different building during the window.
5. Diallo was at the main office the entire window during the window.
6. The theft required required certifications – only Simeon and Zinnia have this among the five.
7. Beatrix's manager key was not used at any point during the window.

CASE 06

A bronze sculpture was taken from the loading dock of Brookfield Art Institute between 14:00 and 17:45. The operation required authorized credentials. Five people had any plausible connection: Galina (exhibition designer), Akira (docent), Penelope (tour guide), Kalisa (gift shop manager), Ezra (security guard).

Q Who took the bronze sculpture?

1. Galina's badge swipe log confirms they were at the remote facility from 14:00 to 17:45.
2. The loading dock is normally accessed only via elevator access, and Penelope's master key was used at 14:00.
3. The theft required authorized credentials – only Penelope and Galina have this among the five.
4. Akira was at the front desk the entire window during the window.
5. Kalisa was at a scheduled training course during the window.
6. Penelope claims to have been working alone in their office during the window. No supporting evidence has been provided.
7. Ezra was at the main office the entire window during the window.

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CASE 07

A calibration kit was swapped from the PI office of Nordic Bio between 13:20 and 15:10. The operation required authorized credentials. Five people had any plausible connection: Ula (equipment manager), Kasper (safety officer), Amari (visiting scientist), Mikael (graduate student), Aurora (operations manager).

Q Who swapped the calibration kit?

1. Mikael claims to have been out for a long break during the window. No supporting evidence has been provided.
2. The sample tampering required authorized credentials – only Kasper and Mikael have this among the five.
3. Amari was documented by the freezer access log in a different building during the window.
4. Ula was documented by the witness sighting in a different building during the window.
5. Ula's biohazard clearance was not used at any point during the window.
6. Kasper's badge swipe confirms they were at the off-site location from 13:20 to 15:10.
7. Aurora was at a scheduled training course during the window.

CASE 08

An expensive welding rod was taken from the tool crib of Helix Restoration between 15:30 and 17:30. The operation required expert knowledge of the system. Five people had any plausible connection: Stellan (customer service rep), Ezra (parts clerk), Hattie (machinist), Hakim (electrician), Kalinda (quality inspector).

Q Who took the expensive welding rod?

1. Kalinda's shop key was not used at any point during the window.
2. Stellan's time-clock log confirms they were at the external office from 15:30 to 17:30.
3. The theft required expert knowledge of the system – only Stellan and Ezra have this among the five.
4. The tool crib is normally accessed only via manager key, and Ezra's manager key was used at 15:30.
5. Hattie was at the main office the entire window during the window.
6. Ezra claims to have been working alone in their office during the window. No supporting evidence has been provided.
7. Hakim was at the external facility the entire window during the window.

CASE 09

A prototype assembly was taken from the main shop floor of Helix Restoration between 15:45 and 18:30. The operation required authorized credentials. Five people had any plausible connection: Helena (customer service rep), Iolanthe (electrician), Xanthe (machinist), Eleni (shop manager), Darya (quality inspector).

Q Who took the prototype assembly?

1. The main shop floor is normally accessed only via shop key, and Helena's shop key was used at 15:45.
2. Darya was at a scheduled training course during the window.
3. Iolanthe's parts-room audit confirms they were at the off-site location from 15:45 to 18:30.
4. Helena claims to have been offsite for a personal errand during the window. No supporting evidence has been provided.
5. Xanthe was at the external facility the entire window during the window.
6. Eleni was at a scheduled training course during the window.
7. The theft required authorized credentials – only Iolanthe and Helena have this among the five.

Answer Key – Deduction Mysteries

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

Case 01 D) Cosima

- ☐ The corporate theft required specialized access privileges.
 - ☐ Zoltan lacks the required skill – cleared.
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Case 02 A) Suri

- ☐ The sample tampering required expert knowledge of the system.
 - ☐ Hiroshi lacks the required skill – cleared.
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Case 03 B) Ramona

- ☐ The corporate theft required expert knowledge of the system.
 - ☐ Arjun lacks the required skill – cleared.
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Case 04 D) Ula

- ☐ The theft required technical training.
 - ☐ Hasan lacks the required skill – cleared.
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Case 05 A) Zinnia

- ☐ The theft required required certifications.
 - ☐ Diallo lacks the required skill – cleared.
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Case 06 E) Penelope

- ☐ The theft required authorized credentials.
 - ☐ Akira lacks the required skill – cleared.
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Case 07 E) Mikael

- ☐ The sample tampering required authorized credentials.
 - ☐ Ula lacks the required skill – cleared.
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Case 08 A) Ezra

- ☐ The theft required expert knowledge of the system.
 - ☐ Hattie lacks the required skill – cleared.
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Case 09 C) Helena

- ☐ The theft required authorized credentials.
 - ☐ Xanthe lacks the required skill – cleared.
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