

Technical and legal aspects of security



Assignment

Case Description:

National Bank Plc.

Case Number: 000001

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2014 - 2015

Abstract

Ceci est le résumé

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1 Management summary

2 Case outline

2.1 Assignment description

2.1.1 Initial assignment

At the beginning, the assignment was about civil law: Mrs. Marian Maid was complaining about the behavior of M. John Little. Indeed, it appears that M. John Little has been shared some private data about Mrs. Marian Maid to his colleagues during work time.

Our assignment has to conclude if M. John Little behavior is violating the company policy or not.

To do so, we first had access to two emails between Mrs. Marian Maid and M. John Little and Mrs Marian Maid and M. John Little HR files.

2.1.2 Second assignment

While doing the investigation on the first assignment, we discovered some strange emails exchange between M. John Little and M. Fred Tuck about some projects which could be concerning some money embezzlement.

After talking with M. Norman Sherriff (Legal Director), he conclude that this was a more important matter to investigate: it was going under criminal law.

The first assignment was then put on hold to focus only on this one.

2.2 Time-line and case information

Summer 2013 Mrs. Marian Maid and M. John Little went on vacation together. During those vacations, Mrs. Marian Maid allowed M. John Little to take some pictures of her in some embarrassing positions.

December 2013 (Christmas party) During a Christmas party, Mrs. Marian Maid heard M. John Little was going to show some of the pictures taken during previous summer to some colleagues of him (salesmen).

2014-02-03 – Between 02:14 and 12:56 Mrs. Marian Maid and M. John Little exchanged some emails concerning the fact that M. John Little had been showing some pictures to M. Fred Tuck. In those emails, the conversation became heated and threat were made from both sides.

Those emails also teach us that M. John Little may have a drive containing more pictures of Mrs. Marian Maid in some embarrassing positions.

2014-02-27 – 14:26 Mrs Marian Maid informed M. John Little that she was moving in with her sister. Their personal relationship was over.

2014-12-16 – 09:30 Mrs. Marian Maid contacts her friend Mrs. Olivia Oyle in HR and is extremely upset about a personal matter. They both arrange to meet in the canteen to have a coffee and discuss the issue.

2014-12-16 – 10:15 Mrs. Marian Maid and Mrs Olivia Oyle meet in the canteen. It is obvious to Mrs Olivia Oyle that Mrs Marian Maid has been crying and is visibly upset. Mrs Olivia Oyle, stating that she is concerned for Mrs Marian Maid's well being, talks to her about what has upset Mrs Marian Maid.

2015-01-06 We, the investigation team, are called into the office of Mrs. Jenny King (HR) to discuss a matter of concern. She explain to us the matter and ask us to perform an investigation over M. John Little behavior. She hands out to us two emails between Mrs. Marian Maid and M. John Little and Mrs Marian Maid and M. John Little HR files.

2015-03-07 – 10:53 to 13:29 After getting the legal authorization, a search and seizure was done at M. John Little and M. Fred Tuck's offices.

3 Investigation results

3.1 Disciplinary matter involving John Little and Marian Maid

3.1.1 First emails

At the beginning of the investigation, we had been handed two emails conversation between Mrs. Marian Maid and M. John Little. In those conversations, we can denote some important information:

- Mrs. Marian Maid wants to talk to M. John Little about a picture he has potentially showed to M. Fred Tuck.
M. John Little doesn't deny on this and add there "there's way more exciting stuff on the drive".
- We then learn that M. John Little may have a drive with some compromising pictures of Mrs. Marian Maid. Since the company's HR policy allow to bring some personal devices at work, he might have took it to his workplace.
- Mrs. Marian Maid tells M. John Little that this kind of personal matters don't belong in such a working place.
- Mrs. Marian Maid then threatens M. John Little when saying "I know about Project "Snow King" and "Nomad". You ought to have remembered that I live with you and know more that you may think before embarrassing me to the entire office".
With this threat, we learn something valuable about those projects. Why would she use them as leverage against M. John Little if they didn't had something suspicious?
- Finally, M. John Little threatens back Mrs. Marian Maid. He also insults her in the email.

With all those information, we were able to ask M. Norman Sherriff the authorization to perform a search and seizure at M. John Little and M. Fred Tuck.

We also had the permission to access the email database for Mrs. Marian Maid, M. John Little and M. Fred Tuck.

3.1.2 Search and seizure

M. John Little's desk

During the search and seizure of M. John Little's desk, we found the following evidences:

AEI 001 (loc B) CD named "NOMAD" found under the desk of M. John Little (with a post-it "FP-05 14:45")

AEI 002 (loc E) USB key taped behind M. John Little's screen

AEI 003 (loc G) Desktop computer (Dell Optiplex GX620)

MCO/001 (loc J) USB key hidden in a desktop vacuum cleaner (Henry Hoover)

AEI 004 (loc K) Hard disk drive inside a Pelican case inside a drawer (with a post-it “SB02 7/3/15 13.54”)

MCO/002 (loc L) CD named “MM PIX” inside a drawer

MCO/003 (loc L) Camera Canon inside a drawer. We don’t know if it contains a memory card and if it is empty or not.

With a first look, we can already be concerned about the contains of evidences *AEI 001* and *MCO/003*. Those two evidences may be linked to the strange project (*NOMAD*) and to the pictures of Mrs. Marian Maid (“*MM PIX*”).

3.1.3 All emails

3.2 Discoveries

3.3 Recommendations

4 Evidence log

4.1 Key evidence items

4.2 List of actors / personalities involved

Code	Name	Job title	Email	Phone	Address	Remarks
MM	Marian Maid	Associates traders	marianmaid-natbank@inbox.com	–	National Bank Plc., Dublin center, Ireland	Complainant
JL	John Little	General Trader	johnlittle-natbank@inbox.com	–	National Bank Plc., Dublin center, Ireland	Subject of complaint
FT	Fred Tuck	General Trader	fredtuck-natbank@inbox.com	–	National Bank Plc., Dublin center, Ireland	Accomplice of fraud
NF	Norman Sherriff	Legal Director	normansheriff-natbank@inbox.com	–	National Bank Plc., (Dublin center, Ireland) ?	?

Table 1: List of actors / personalities involved

References

- [1] AUTHOR. *REF TITLE*. ORG. 2015. URL: <http://www.url.com/>.
- [2] Wikipedia. *European Convention on Human Rights*. Wikipedia. 2015. URL: https://en.wikipedia.org/wiki/European_Convention_on_Human_Rights#Article_8_-_privacy.