

Vereniging Campus Kabel
General Members Meeting
15 November 2017
versie 1.0.0

Contents

1	Agenda	1
2	Notulen ALV 2016	3
2.1	Aanwezigen en afmeldingen	3
2.2	Mededelingen	3
2.3	Agenda	3
2.4	Notulen	3
2.5	Algemeen Jaarverslag 2015-2016	4
2.6	Technisch Jaarverslag	5
2.7	Financieel Jaarverslag	5
2.8	Bestuurswisselling	6
2.9	Begroting	6
2.10	Dechargeren en chargeren van de kascontrolecommissie	6
2.11	Beleidspunten 2016/2017	7
2.12	WVTTK	7
2.13	Rondvraag	7
3	General Report 2016-2017	9
3.1	The association	9
3.2	Special activities	11
3.3	Promotion	11
4	Technical report 2016-2017	13
4.1	Amino backend	13
4.2	Amino set-top box	13
4.3	Protein	13
4.4	Auth server	13
4.5	Watch	14
4.6	MyVCK	14
4.7	ASDF	14
4.8	GitLab	14
4.9	Internal communication	14
4.10	Malfuncties	14
4.11	Channel list	15
4.12	Technical glossary	16
5	Financial report 2016-2017	17
5.1	Result 2016-2017	17
5.2	Balance sheet (start & end financial year 2016-2017)	20
5.3	Balance sheet (start of financial year 2017-2018)	22
5.4	Auditing committee report	22

6	Board proposal VCK 2017-2018	23
7	Policy plan 2017/2018	25
8	Move to the Bastille	27
8.1	Introduction	27
8.2	Improvements	27
8.3	Other rooms	28
8.4	Budget	28
9	Proposal membership fee change	29
9.1	Background	29
9.2	Ziggo	29
9.3	Videma	31
9.4	Total costs	32
9.5	The proposal	32
10	Proposal modification internal regulations	33
11	Budget VCK 2017-2018	39

Chapter 1

Agenda

1. Opening

2. Announcements of the board

3. Setting the agenda

Modifications to the proposed agenda items and new items can be submitted.

4. Minutes previous GMM

The minutes of the previous GMM, held on November 30th 2016, are submitted to the members for approval.

5. General report 2016-2017

The general report of 2016-2017 is submitted to the members for approval.

6. Technical report 2016-2017

The technical report of 2016-2017 is submitted to the members for approval.

7. Financial report 2016-2017

The financial report of 2016-2017 is submitted to the members for approval.

8. Board proposal 2016-2017

A new board for 2016-2017 is proposed.

9. (De)charge audit committee

The audit committee of 2016-2017 is thanked for their efforts and discharged. Afterwards a new audit committee for 2017-2018 is charged.

10. Policy plan 2017-2018

The new board presents their policy plan for the upcoming year.

11. Move to the Bastille

The contract for the office space in the Bastille is submitted to the members for approval.

12. Proposal membership fee change

The board explains the new contracts with Ziggo and Videma. Afterwards the membership fee change is proposed and submitted to the members for approval.

13. Proposal modification Internal Regulations

The proposal for modification of the Internal Regulations is submitted to the members for approval.

30 14. Budget 2017-2018

31 The budget for 2017-2018 is submitted to the members for approval.

32 15. Submitted agenda items

33 Any items submitted while setting the agenda are discussed here.

34 16. Questions

35 Members and guests are given the opportunity to ask questions or make comments to the board.

36 17. Closing

37 The chairman ends the meeting and invites all attendees for a drink.



38 Chapter 2

39 Notulen ALV 2016

40

Geschreven door Pieter Staal

41 De voorzitter opent de vergadering om 20:04.

42 Joris heet iedereen welkom en vraagt of iedereen zijn naam wil zeggen, zodat dat makkelijk
43 genotuleerd kan worden.

44 2.1 Aanwezigen en afmeldingen

45 Afmeldingen: Jeroen van Ingen Schenau, Tijmen de Mes

46 Machtigingen: er zijn geen extra machtigingen binnengekomen.

47 2.2 Mededelingen

48 Er zijn vanuit het bestuur geen mededelingen.

49 2.3 Agenda

50 Er zijn geen wijzigingen aan de agenda.

51 2.4 Notulen

52 Dan nu de notulen van de vorige ALV. Spelfouten kun je doorgeven tot twee weken na de ALV.

53 Yuri: "Hebben we een pauzemuziekje voor bij het lezen van de notulen?"

54 Yuri vertelt dat op pagina vijf de namen en functies achter elkaar zijn gevallen, maar dat je daar
55 nieuwe regels bij mag denken.

56 Daniël: "Op pagina vijf staat op regel 143 Joris de Jeeuw." Joris: "Goed dat er iemand oplet, dat
57 is opzettelijk er in gezet."

58 Evert: "Op pagina 6 staat dat Evert Swarts werd bedankt voor het op orde brengen van de
59 financiën de afgelopen jaren. Dat suggereert dat ze niet op orde waren, maar dat was niet zo."

60 Yuri: "Het is wel precies zo gezegd." "Wie bedankte evert?" "Volgens mij was dat Joris." Joris:
61 "Het was waarschijnlijk in orde." Dennis: "Dan blijft het punt nog steeds." Joris: "We kunnen het
62 terug luisteren en kijken wat ik echt heb gezegd." Yuri: "Ik zal het terugluisteren."

63 Yuri: "Bij pagina 7 staat bij 2.0.11 dat er agendapunten zijn ingediend, die waren er niet."

64 JP: "Bij 223 is daar een d." Yuri: "Heb ik al omcirkeld, je mag het ook nog mailen."

65 Joris vraagt of er nog vragen of opmerkingen zijn over de notulen van de vorige ALV en of er
66 nog bezwaren zijn tegen het goedkeuren van de notulen. Die zijn er niet. DE ALV keurt de notulen
67 behoudens wijzigingen goed. *Hamerslag*.

68 2.5 Algemeen Jaarverslag 2015-2016

69 Joris vertelt dat we het algemeen jaarverslag weer per pagina doornemen en dat het ook ter goed-
70 keuring aan de leden wordt voorgelegd. Verder vertelt hij dat in het algemeen jaarverslag staat wat
71 VCK in het afgelopen jaar heeft gedaan.

72 Evert: "Op 309 staat dat VCK in gesprek is geweest met een aantal partijen van de universiteit.
73 Welke partijen?" Joris: "Met betrekking tot privacy en bescherming persoonsgegevens? Daar zijn
74 we met LISA, Jan Markslag, Jeroen van Ingen en Niels Mejan over in gesprek geweest. Daarbij is
75 ook Peter Peters aangeschoven, omdat hij op dat moment nog verantwoordelijk was voor privacy op
76 de UT. Hij heeft op dit moment een andere functie, waardoor iemand anders het overneemt." Evert:
77 "Het aantal partijen is dus vooral LISA." Joris: "Het gaat dus om LISA en VCK." Yuri: "Ik zal het
78 aanpassen."

79 Yoeri Otten: "Regel 279 moet natuurlijk zijn Herinrichting Calslaan 5-0 en niet Herinrichting 5-0."
80 Joris: "We zullen het wijzigen."

81 Evert: "Op regel 327 staat dat het tapijt direct afgeschreven kon worden. Het kan er bij gezegd
82 worden dat het tapijt al in slechte staat was." Joris: "Het tapijt was inderdaad in slechte staat. Het lag
83 er al sinds 1999 omdat het toen van opslaghoek tot vergaderruimte is verbouwd. Toen het onderliep
84 hebben we besloten meteen het tapijt te vervangen. Ik wil iedereen die toen heeft meegeholpen
85 nogmaals bedanken."

86 Evert: "Op regel 330 staat 'een aantal actieve leden'." Yuri: "Ik heb het opgezocht, dat mag
87 tegenwoordig."

88 Yoeri Otten: "Over regel 353: Klopt het dat de geïnteresseerdenbarbecue niet alleen voor eerste-
89 jaars is?" Joris: "Dat klopt inderdaad niet helemaal, er komen voornamelijk eerstejaars. Maar het is
90 inderdaad een barbecue voor geïnteresseerden in het algemeen."

91 Dennis: "Ik heb 3 vragen. Ten eerste over de promotie: Ik zie een hoop mensen in de zaal die
92 nieuw actief lid zijn. Waar ligt dat aan, denken jullie?" Joris: "Ik denk dat het geholpen heeft dat we
93 actief mensen hebben gesproken en gemaild. Daarnaast helpt het volgens mij dat we doegroepen
94 van bijvoorbeeld informatica pushen om een rondleiding te volgen." Dennis: "En er is ook een doe-
95 groep gesponsord, zijn jullie van die doegroep?" Yoeri Otten: "Nee" Dennis: "Dat heeft dus niet
96 gewerkt." Dennis: "We zijn dus een beetje van ons imago probleem af, met zo veel nieuwe actieve
97 leden." Joris: "Ik durf lastig te zeggen dat we het beter hebben gedaan dan vorige jaren."

98 Dennis: "In de notulen staat iets over kennisoverdracht, waarom staat dat niet in het algemeen
99 jaarverslag?" Joris: "Dat is wel in het technisch jaarverslag genoemd. Dorus kan het het beste
100 toelichten." Dorus: "Sinds maart gebruiken wij Phabricator, waar wij documentatie in kunnen schri-
101 jven. We hadden al een Mediawiki, maar dat was overkill. Nu we Phabricator hebben, zijn we
102 begonnen met een mindmap: wat is VCK? En aan de hand daarvan zijn we artikelen gaan schrijven.
103 Een deel van de oude wiki en een deel nieuwe. Verder hebben we een beloningssysteem toegepast."
104 Dennis: "Hoeveel artikelen zijn er geschreven?" Dorus: "Meer dan 50."

105 Dennis: "Ik zie hier op regel 364 de zender per euro-maand, dat klopt niet, het moet zender-
106 maand per euro zijn." Yuri: "Ik zal het aanpassen." Joris: "Mooi om toe te lichten: Dennis heeft een
107 mooie nieuwsbrief gemaakt met mooie grafieken en daar wil ik hem voor bedanken."

108 Algemeen jaarverslag wordt behoudens wijzigingen goedgekeurd zonder verdere vragen of bezwaren.
109 *Hamerslag*

110 2.6 Technisch Jaarverslag

111 Joris: "Het technisch jaarverslag is geschreven door Simon Wamelink en laat zien wat er op technisch
112 gebied bij VCK is gebeurd. Ook dit wordt ter goedkeuring aan jullie voorgelegd."

113 Evert: "Hoe zien jullie MyVCK voor je? Hoe zorg je er voor dat mensen het gaan gebruiken?"

114 Noah: "Het betalen zal ook via MyVCK gaan, dus doordat ze het moeten gebruiken zien ze dat je
115 daar dingen kan aanpassen." Evert: "Alle leden krijgen automatisch een account?" Noah: "Alle leden
116 krijgen een brief met token om een account gelinkt aan het juiste huis aan te maken."

117 Evert: "Hoe verhoudt een ODroid zich tot een Raspberry Pi?" Yuri: "Het is vergelijkbaar, maar
118 met een betere processor en ondersteuning voor 4K."

119 Niek: "Is een ODroid duurder dan een Amino?" Joris: "Amino's zijn sinds 2006 op de markt, toen
120 waren ze rond de 200 euro. Tegenwoordig zijn ze tweedehands zo'n 50 euro per stuk. De ODroid
121 zou ook rond die prijs gaan zitten, maar dan heb je nog geen behuizing en kabels."

122 Evert: "Op regel 431 staat dat wij niet op de hoogte zijn gesteld van het onderhoud, dat moet het
123 FB toch doen?" Joris: "Dat is niet gebeurd. We bleken niet op de mailinglijst van het FB te staan.
124 Het is nu aan hen duidelijk gemaakt dat wij wel op die mailinglijst willen, en de mails op de mailinglijst
125 komen nu binnen."

126 Dré: "Er wordt nu Telegram gebruikt, keken jullie ook naar Slack?" Joris: "We zijn overgestapt
127 naar Telegram, omdat je er bots kan gebruiken. Niet iedereen is blij met Telegram, omdat je niet
128 makkelijk groepen kunt maken. We kijken nu naar Slack en Mattermost als vervanging. Het nadeel
129 van Slack is dat het closed source is en niet self-hosted, bij Mattermost kan dat wel."

130 Dennis: "Wat is er gebeurd met CampusTube?" Dorus: "CampusTube is aan het begin van
131 2015/2016 nog geüpdatet, om het multithreaded te maken, om het veel smoother te maken. Verder
132 is er documentatie over geschreven. Op dit moment is het zodanig stable, dat ik het voor de rest
133 heb laten liggen." Dennis: "Hoeveel mensen kijken er naar?" Dorus: "We zien dat er dingen in wor-
134 den gestart. Er zijn een aantal random mensen die dingen instarten. Precieze aantallen kunnen we
135 niet zien." Yuri Lammers: "Jullie hebben toch eerder adult zenders gehad en daar klachten over
136 gehad?" Joris: "We hebben voor mijn tijd Playboy One gehad en daar waren wel bezwaren over."
137 Noah: "Het grootste probleem was dat het de hele dag door ging en dat is bij CampusTube niet zo."

138 JP: "In het technisch jaarverslag lijkt het dat de ODroid al gekozen is, maar dat is niet zo." Joris:
139 "We zijn inderdaad nog aan het testen en we kunnen nog terug mochten we tegen een bottleneck
140 aanlopen."

141 Het Technisch Jaarverslag wordt behoudens wijzigingen goedgekeurd. *Hamerslag*.

142 2.7 Financieel Jaarverslag

143 Het Financieel Jaarverslag is geschreven door Pieter Bos, we gaan er punt voor punt doorheen en
144 het wordt ter goedkeuring aan de leden voorgelegd.

145 Dré: "Over de resultatenrekening, waar is de donatie van één cent heen gegaan?" Pieter: "Die
146 is de kas in gegaan."

147 Er zijn geen vragen over de begin- en eindbalans boekjaar 2015-2016.

148 Er zijn geen verdere vragen over het financieel jaarverslag. We gaan door naar de brief kascon-
149 trolecommissie. De kascontrolecommissie bestond uit Evert Swarts en Dennis Alveringh.

150 Yuri Lammers: "Waarom wordt de dalende afname van producten van VCK opgelost met de
151 verhoging van de contributie?" Joris: "Dit is om de inkomsten en uitgaven gelijk te houden. Dit is
152 natuurlijk een ongewenste situatie." Simon: "We zijn ook bezig niet-leden te blacklisten van IPTV. We
153 denken dat dat ook moet helpen met de dalende ledenaantallen."

154 Er zijn verder geen vragen over het financieel jaarverslag. Het financieel jaarverslag wordt be-
155 houdens wijzigingen goedgekeurd. *Hamerslag*.

2.8 Bestuurswisseling

Het bestuursvoorstel en de technische commissie is te vinden in de stukken. Joris de Leeuw, Pieter Bos, Simon Wamelink, Ate Otten en Yuri van Midden worden gedechargeerd. Daniël Huisman, Pieter Staal, Wouter van den Brink en Yoeri Otten worden gechargeerd. Zij stellen zich voor.

Pieter Staal: "Ik ben een eerstejaars informaticastudent, ik word secretaris." Daniël: "Ik ben tweedejaars informaticastudent, ik zat vorig jaar in de technische commissie, en ik word penningmeester." Wouter: "Ik ben eerstejaars informaticastudent en ik ga hier systeemgroeplid worden en mijn schoenmaat is 43." Yoeri Otten: "Ik ben ook eerstejaars informaticastudent, maar maak je geen zorgen: we hebben allemaal wel ervaring met informatica. Ik word ook systeemgroeplid en naar mijn schoenmaat moet je maar vragen."

Yuri: "Wat is jullie lievelingssmurf?" Wouter: "Smurfin, die gaan we fixen."

Pieter: "Wat is jullie favoriete TV zender?" Staal: "Ik ben geen lid van VCK, ik heb geen TV." Wouter: "'s Nachts CampusTube." Yoeri: "Eén van de NPO-zenders."

Dennis: "Wonen jullie allemaal op de campus?" Staal en Daniël: "Roombeek." Yoeri: "Ten noorden van Roombeek.", Wouter: "Campus."

Dorus: "Staal, Daniël en Yoeri, wat is jullie schoenmaat?" Staal: "45." Daniël: "41." Yoeri: "43."

Pieter: "Wat is jullie favoriete verkeersbord?" Wouter: "Het voorrangsbord, die kun je in de sneeuw nog herkennen."

Ate: "Wat zijn jullie ambities binnen VCK?" Wouter: "Dingen ontstukken en dingen capabel regelen." Ate: "Nog een specifiek project?" Wouter: "De opvolger van de Amino." Daniël: "En MyVCK."

Er zijn geen verdere vragen over of bezwaren tegen het bestuursvoorstel.

De ALV dechargeert het huidige bestuur en chargeert het nieuwe bestuur. *Hamerslag*.

Joris schorst de vergadering voor 5 minuten voor felicitaties.

2.9 Begroting

Dorus hervat de vergadering en gaat verder bij de begroting VCK 2016-2017.

Yuri: "Je gaat geen facturen meer printen door de automatische incasso. Maakt dat iets uit op de kosten?" Daniël: "Dan vallen de administratieve kosten iets lager uit, maar automatische incasso kost geld dus uiteindelijk maakt het niet heel veel uit."

JP: "Waarom verwacht je dat het aantal verhuurde Amino's gaat toenemen?" Daniël: "Amino's blijven redelijk aangevraagd worden. We verwachten dat er ondanks de daling in leden toch wat Amino's aangevraagd zullen worden."

Dennis: "De vervoerskosten zijn nauwelijks gebruikt, net als vorig jaar." Daniël: "We willen de mogelijkheid blijven bieden voor de declaratie en het gebruik van vervoerskosten."

Dennis: "Waarom zijn de promotiekosten 200 euro minder?" Daniël: "De verwachte kosten zijn minder dan 1000 euro dus is het minder inbegroot." Dennis: "Wat is er afgelopen jaar dan voor 200 euro meer uitgegeven?" Daniël: "Er is iets twee keer in het boekjaar afgeschreven en dat zal dit boekjaar wel goed gaan."

Er zijn verder geen vragen of bezwaren betreft de begroting zoals die gepresenteerd is, dus de begroting wordt goedgekeurd. *Hamerslag*.

2.10 Dechargeren en chargeren van de kascontrolecommissie

Dorus bedankt Dennis en Evert voor hun werk in de KCC. Voor het komende jaar zoeken wij een nieuwe KCC. Ate Otten en Pieter Bos hebben zich hiervoor kandidaat gesteld. Dorus vraagt of er nog meer mensen in de zaal zich kandidaat willen stellen. Niemand anders meldt zich aan. Er zijn geen bezwaren, dus Dorus dechargeert Dennis Alveringh en Evert Swarts en chargeert Pieter Bos en Ate Otten.

201 Dennis en Evert krijgen een kleinigheidje van Dorus.

202 **2.11 Beleidspunten 2016/2017**

203 Dan door naar het beleidsplan van 2016-2017. Het beleidsplan is te vinden in de stukken. Het betreft
204 samenvattend kennisoverdracht, planning software-ontwikkeling, signaalinkoop, betaling via incasso,
205 gebruik IPTV door niet-leden, en de opvolger van de Amino settopbox. De voorzitter licht ieder punt
206 toe.

207 Joris: "Het ziet er heel goed uit en het is duidelijk toegelicht. Het is één van de beste van de
208 afgelopen jaren."

209 Er zijn verder geen vragen of opmerkingen over het beleidsplan.

210 **2.12 WVTTK**

211 Er zijn verder geen agendapunten ingediend.

212 **2.13 Rondvraag**

213 Vincent: "Hoe willen jullie de teruglopende ledenaantallen tegengaan?" Daniël: "We denken dat
214 zwartkijkers een groot deel van het probleem zijn. Dat willen we dit jaar oplossen. Mocht het lede-
215 naantal blijven dalen, dan willen we meer leden krijgen met de nieuwe settopbox. Als dat ook niet
216 werkt, moeten we de contributie verhogen of het contract aanpassen, zodat het voor minder mensen
217 is."

218 Niek: "Zijn er gesprekken met SNT betreft mensen die routers aansluiten wat het signaal van
219 IPTV stoort?" Dorus: "Ik heb er vrij weinig van gemerkt, behalve aan het begin van het collegejaar.
220 Als het wordt geconstateerd, lost LISA het snel op, maar zover ik weet wordt er geen voorlichting
221 over gegeven."

222 Pieter: "Hebben jullie er zin in?" Bestuur: "Zeker." Dorus: "Nou en of!"

223 Simon: "Pieter, waarom heb je mijn vraag afgepakt?"

224 Yuri: "Wat is een diadeem?" Dorus: "Nou, ik heb gehoord, daar is een hele stelling."

225 Yuri: "Kunnen jullie VCK great again maken?" Dorus: "We bouwen een muur om Campusnet."

226 Wouter: "Dit worden interessante notulen."

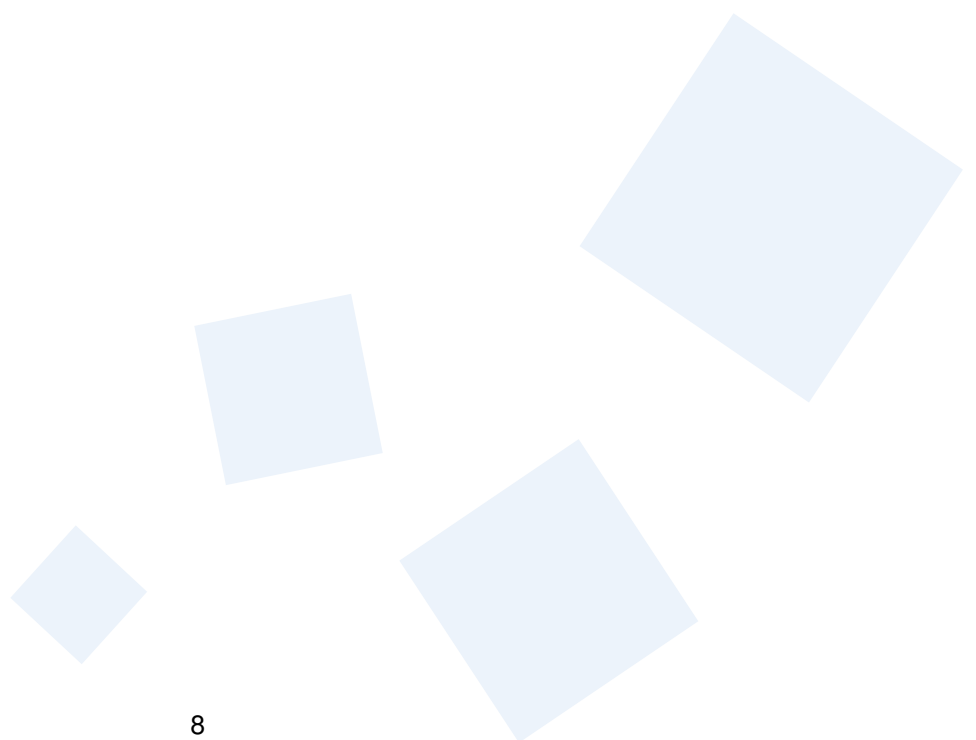
227 Evert: "Hoe lang blijven jullie bij VCK?" Yoeri: "Volgens mij zit je er een aantal jaar aan vast, ik zie
228 het niet als iets wat ik maar één jaar doe." Wouter: "Bij VCK wil ik langer dan één jaar blijven." Staal:
229 "Ik blijf hier nog wel een paar jaar, en bestuur lijkt me ook wel leuk." Daniël: "Ja, hetzelfde."

230 Joris: "Dorus en Noah, en jullie?" Noah: "Ik verwacht hier nog wel één of twee jaar te zitten."

231 Dorus: "Ik ben er sowieso dit jaar nog bij. Volgend jaar weet ik nog niet."

232 Pieter: "Hoeveel is er begroot voor de alv-kosten?" Daniël: "300 euro zoals elk jaar." Dorus: "Eén
233 biertje p.p."

234 Dorus bedankt iedereen voor hun aanwezigheid en nodigt iedereen uit voor één biertje of één
235 appelsapje in kleintje VB. Dorus sluit de vergadering om 21:58.



236 Chapter 3

237 General Report 2016-2017

238

Written by Pieter Staal

239 The general report describes all board matters of the past board year. Technical and financial matters
240 can be found in their respective reports.

241 3.1 The association

242 This year, the board had six members. This was the composition of the board:

- 243 ■ Chairman - Dorus Abeln
- 244 ■ Secretary - Pieter Staal
- 245 ■ Treasurer - Daniël Huisman
- 246 ■ System Administrator - Noah Goldsmid
- 247 ■ System Operations - Wouter van den Brink
- 248 ■ System Operations - Yoeri Otten

249 Outside of the board, we also have a technical committee consisting of the following people:

- 250 ■ Dennis Alveringh
- 251 ■ Tijmen de Mes
- 252 ■ Jan Pieter Meijers
- 253 ■ Joris de Leeuw
- 254 ■ Ate Otten
- 255 ■ Simon Wamelink
- 256 ■ Dré van Oorschot

257 3.1.1 Meetings

258 As always, the board of VCK meets in the board room of VCK. At the start of this board year, that
259 was the basement of Calslaan 5. Since May 2017, the board meetings are held in room 306 of the
260 Bastille. We meet once a week on Wednesday night and once every two weeks we have a board
261 meeting. The other Wednesday evening is usually filled with general work for VCK. This work consists
262 of working on our software, maintaining our servers, connecting new members to our analogue signal
263 and more. The meetings start with dinner in the board room at six fifteen.

264 **3.1.2 Batavieren TV**

265 Once again, the Batavierenrace broadcasted a live stream this year where people could watch the
266 event live. We received a URL for this stream from the organisation and, just like last year, put it up
267 in place of CampusTube during the event.

268 **3.1.3 Board dinner**

269 It is tradition to have a dinner with the new board some time after the GMM. Last year, the board went
270 to Poco Mucho with some people from the technical committee and the previous board. After, dinner
271 we had some drinks in the center of Enschede.

272 **3.1.4 Contact with LISA and SNT**

273 Last year, we invited SNT over for a drink in our board room, where we discussed our approaches
274 to internationalisation and other matters. Near the end of the board year, we were in close contact
275 with LISA (what used to be ICTS) to develop ASDF. More about ASDF can be found in the technical
276 report. We also had a tour of the Seinhuis data center by Jeroen van Ingen from LISA.

277 **3.1.5 Privacy and illegal IPTV watching**

278 Privacy is a sensitive subject when it comes to handling personal data. VCK suspects that a lot of
279 students on campus do not know that we are the association supplying the IPTV signals and that
280 they have to pay membership fee. Together with LISA we found a way to prevent illegal streaming of
281 IPTV while respecting the privacy of everyone on campus. The basic principle is that we 'whitelist'
282 our members and block the signal coming through the other ports of the switch.

283 **3.1.6 Ziggo contract**

284 The contract that the UT had with Ziggo ended this year. That is why the board, together with Facilitair
285 Bedrijf (FB), have looked for alternatives this year. During our search, we found out that the old Ziggo
286 contract did not cover the rights to broadcast the TV signals sufficiently. The foundation Videma had
287 made it clear that those rights have to be paid to them. Add to that the price of the Ziggo contract
288 will be much higher. That is why the board looked at an offer from Canal Digitaal. We decided to go
289 with Ziggo because of the large technical challenge of switching to Canal Digitaal and the fact that
290 Facilitair Bedrijf wanted to cover the difference between Ziggo's final lower offer and the offer from
291 Canal Digitaal. Later in the GMM we will discuss this point in detail.

292 **3.1.7 Internationalisation**

293 This year the study Technical Computer Science became an international study. Since we get most
294 of our active members from this study, we started looking at how we want to internationalise VCK.
295 At first we decided to only make all communication to members English, while keeping all internal
296 documents and communications in dutch. This policy changed a bit as we welcomed a new active first
297 years who is international. We decided to start translating our internal documentation and to translate
298 all GMM documents to English. Other internationalisation policies about e.g. communication are still
299 being discussed.

300 **3.1.8 Questionnaire**

301 In the spring of 2017 we held a questionnaire with our members. We received about 80 responses
302 which gave us insights in the TV watching behaviour of our members. It also gave us some insights

303 on the wishes of our members for the new set-top box, which mainly focussed on on-demand video,
304 like content from Campusnet or YouTube. It became clear that we have to focus on more interactivity
305 and less on live TV for the new set-top box. It also showed that analogue TV is still very popular, as
306 we expected. This is probably because a lot of students get an old TV from their parents that can
307 only handle analogue TV, or they simply do not know IPTV exists.

308 **3.1.9 Knowledge transfer**

309 One of the policies of this year was to improve documentation and transfer knowledge to the new
310 active members of VCK. We did that this year by encouraging writing wiki articles with a discount on
311 food on Wednesday nights. This was however such a low discount that it did not really encourage
312 anyone to write more. Even though this system did not work, a lot of articles were written. Another
313 way we transferred knowledge was with classes on e.g. ViCE and aiming dishes.

314 **3.1.10 Planning software projects**

315 Because a lot of software stays in alpha state for a long time at VCK we wanted to improve the
316 planning of software projects this year. We did not do anything concrete to improve this.

317 **3.2 Special activities**

318 **3.2.1 VCKantie**

319 Just like previous years, we went on a holiday with old and current active members and active mem-
320 bers. This year we went to the Ardennes. During the VCKantie, we visited fort Eben-Emael, the La
321 Chouffe and the waterfall in Coe. Besides all these activities, we relaxed and barbecued a lot, as is
322 tradition at a VCKantie.

323 **3.2.2 Equinix tour**

324 In April of 2017, we got a tour of the Equinix data center. This data center is located in an old vault
325 of the Nederlandsche Bank.

326 **3.2.3 Moving to the Bastille**

327 Since the beginning of 2016, we had the idea to move from the basement of Calslaan 5 to the
328 Bastille. A basement is not a great workspace, because of the lack of windows and toilets. This year,
329 we inquired the Student Union about the availability of spaces in the Bastille. We ended up choosing
330 room 306, because this room is a little larger than Calslaan 5-0 and is still affordable. We moved
331 there in the weekend of 13 May 2017.

332 **3.3 Promotion**

333 **3.3.1 Introduction week**

334 During the Kick-In, VCK was present at the opening market like every other year. We used our
335 challenges again to try to get first years interested in the hardware and software we use to spread
336 the TV and radio signal over the campus. During the culture day, we had a stand at the Vrijhof, from
337 where we held tours of our headend and the roof of the Vrijhof where our dishes are located. This
338 year we chose not to sponsor any do-groups, because that did not get us any active members in the

339 previous years. At the opening market and during the culture day, we had lists where people could
340 leave their contact details. Everyone who did so was personally invited to come to the intro barbecue.

341 **3.3.2 Intro Barbecue**

342 Every year, VCK organises a barbecue for everyone who showed interest in VCK. This year, the
343 barbecue was at outside Noah's house. In the past weeks we had about six people visit us during
344 Wednesday evening. For the continuity of VCK it is very important to have new active members every
345 year. The board is very happy with the amount of active members we attracted this year. All new
346 active people are now being taught to work with the hardware and software of VCK and we try to
347 involve them in projects and regular activities.

348 **3.3.3 Flyer**

349 In previous years, we made a newsletter for our members. This year, we chose to make a flyer
350 with some VCK buzzwords on the front and some information about VCK on the backside. Keeping
351 internationalisation in mind, these flyers were made in English. During the Kick-In, we had these
352 flyers at our stands and distributed them to as many people as we could.

353 **3.3.4 De Veste**

354 This year, we had a meeting with De Veste about including a document in the e-mail to new campus
355 residents. De Veste agreed with us and we made a document containing information on what we do
356 and who we are. We did this because we found that a lot of people do not know we exist or do not
357 know about our services, like IPTV. This document is now sent to all new campus residents together
358 with their contract.

359 **Chapter 4**

360 **Technical report 2016-2017**

361 *Written by Noah Goldsmid*

362 The technical report describes the activities of the system operations of VCK in the board year of
363 2016-2017.

364 **4.1 Amino backend**

365 During this board year, VCK rewrote the Amino set-top box backend. The new backend offers better
366 usability, and separates this functionality from ViCE.

367 **4.2 Amino set-top box**

368 System operations has tested the current Amino software thoroughly, and halted any further devel-
369 opment. The Amino software is now deprecated, and will no longer be actively developed except for
370 critical bugfixes. All of the development time can now be focused on Protein, the Amino's sucesor.

371 **4.3 Protein**

372 At the end of the previous board year, VCK started the development of Protein, the Amino's sucesor.
373 Protein should be a big step forward compared to the old set-top box, as it allows for more on
374 demand and interactive TV. Protein is going to run on a Linux environment with Kodi, this makes
375 it more hardware independent which allows for easier upgrades in the future. Kodi also offers many
376 possibilities for add-ons, which our members can use to add more functionality.

377 **4.4 Auth server**

378 There are a lot of different applications used within VCK, some examples include: Phabricator, ViCE,
379 MyVCK and CRAP. In an effort to ease the authentication process across the different applications,
380 VCK started developing their own authentication server. This server acts as an OAuth provider, and
381 every (active) member has an account on this server, which they can use to authenticate with other
382 services. This server will play a critical role in applications like MyVCK and Watch. Watch for instance
383 needs the Auth server to determine if someone is a member, and thus is allowed to watch TV. The
384 development of the Auth server has started last year, and has been in use for a while now. So
385 far it has only been used internally, but with the upcoming release of MyVCK all members will be

386 required to register on the Auth server, which they can use to access some of the VCK applications
387 (MyVCK, Watch).

388 **4.5 Watch**

389 Currently, IPTV is only available on Campusnet. Many students only use their laptops, and make little
390 use of their wired connection. This year VCK has looked into the possibility of offering IPTV using
391 unicast. Watch is still in its early stages, but is expected to be beta tested when MyVCK is released.

392 **4.6 MyVCK**

393 This project started in the previous board year, and has been in active development this year. There
394 have been a couple of code weekends, where a lot of progress has been made. MyVCK is being
395 tested now, and the plan is to release it a few weeks into the next board year. MyVCK is mainly
396 meant to make the member administration easier. Currently most of our administration is kept up-to-
397 date manually. MyVCK will support digital payments using SEPA direct debits, which will make the
398 yearly task of billing our members easier. Besides MyVCK's main goal it offers many opportunities
399 to provide new services like Watch. MyVCK will also be the place our members can update their
400 membership information.

401 **4.7 ASDF**

402 Currently, IPTV is broadcasted using multicast. Until now, VCK has had little to no control over who
403 could subscribe to one our multicast groups. To prevent this, VCK has developed a system, together
404 with LISA, to whitelist connections that can subscribe to these groups. This has been developed this
405 year, and is going to be deployed very early next year.

406 **4.8 GitLab**

407 VCK hosts their own Git repositories. This year VCK migrated to GitLab. The main reason for this is
408 the support for pull request, issues and better web interface than Phabricator's Git overview.

409 **4.9 Internal communication**

410 During this board year, VCK stopped using Telegram in favor of Slack. This offers the advantage of
411 multiple chat channels, a feature not supported by Telegram. Multiple chat channels allow members
412 to filter out discussions they are not a part of, and make it easier to find old discussions.

413 **4.10 Malfunctions**

414 This section lists all the big malfunctions that happened this board year.

- 415 ■ Late December, Fashion One changed satellite. This has been solved by grabbing it from the
416 satellite it moved to.
- 417 ■ Late January, there was maintenance on the analogue network on Witbreuksweg. One of the
418 coax connectors malfunctioned. This was fixed by replacing the connector.

- 419 ■ In January and February, the decoder that is responsible for Fashion One had many problems.
420 This was finally fixed by replacing the whole decoder.
- 421 ■ Late March, there was a problem with OSCam which broke all encrypted channels. This was
422 fixed in a few hours, by forcing a restart of all related services.
- 423 ■ Early April, Ziggo changed a few channels' transponders. Because of this a few channels went
424 down. This was solved by manually rescanning and changing the corresponding transponders.
- 425 ■ Late April, there was large scale maintenance in the Vrijhof which resulted in an hour of down-
426 time for all channels.
- 427 ■ Early May, one of the hard disks in the noc-cmk broke. Because of the RAID solution that is
428 used in the noc-cmk there was no data loss.
- 429 ■ Late May, Discovery Science changed their video codec. The new codec (H.264) was not
430 supported on the Amino 110 that was responsible for broadcasting this analogue channel. This
431 was solved by transcoding the channel on iptv-ipv6-vh to a codec that can be decoded on
432 an Amino 110. Later this was changed into a more permanent solution: the Amino 110 was
433 replaced with an Amino 130 that can decode H.264.
- 434 ■ Late June, many Amino 110s started to show problems. Because of this, a few analogue
435 channels were unstable for a while. This was fixed by using a different power supply and by
436 improving the cooling.
- 437 ■ Early October, a problem with one of the input cables at the laser was faulty, and responsible
438 for downtime of the analogue network on the Witbreuksweg. This was fixed the next day by
439 replacing the faulty cables.

440 4.11 Channel list

441 There has been a slight change in the channel list. Discovery Investigation and Viceland have been
442 added. Fashion 4K preview and the VCK webcam have been removed. On the analogue network
443 one test channel that was broadcasting Scuzz has been changed to Ziggo Sport as requested by our
444 members.

445 **4.12 Technical glossary**

Table 4.1: Technical glossary

Amino (set-top box)	VCK's plug-and-play IPTV set-top box which can be rented by VCK members
Amino 110	Old model of VCK's Amino set-top box
Amino 130	Current model of VCK's Amino set-top box
ViCE	VCK iptv Control Environment: a system that is used to manage VCK's iptv channels
Transponder	Receives signals over a range of frequencies from a satellite
noc-cmk	Network Operations Controller server located in CaMaKa
Phabricator	Task administration tool

Chapter 5

Financial report 2016-2017

Written by *Danieël Huisman*

5.1 Result 2016-2017

Debit	Budget '17-'18 (€)	Result '16-'17 (€)	Credit	Budget '16-'17 (€)	Result '16-'17 (€)
Depreciation			Membership fees	27.000,00	26.953,20
General	500,00	425,21	Connection fees/fines	120,00	280,00
IPTV	450,00	299,23	Rent Amino set-top boxes	2.800,00	2.672,06
IPTV IPv6	1.565,80	1565,80	Interest	100,00	86,04
Analogue	150,00	156,47	Incidental		
Office/other	275,00	419,25	Gifts	-	21,43
Amino set-top boxes	300,00	172,06			
Contract costs					
Primary channel contract	14.100,00	14.000,00			
Discovery	1.215,00	1.215,00			
Cartoon Network	1.200,00	1.200,00			
Power costs	4.300,00	4048,10			
Housing costs	540,00	1.371,76			
Board costs	1.350,00	1.718,90			
Work costs	750,00	818,06			
Promotion costs	800,00	581,48			
Administrative costs	650,00	398,21			
Transport costs	100,00	107,49			
Insurance costs	697,13	697,13			
Telephone costs	250,00	224,34			
Moving costs	-	170,35			
Use of own stock	400,00	282,03			
GMM costs	300,00	334,40			
Lustrum	250,00	250,00			
Incidental					
Not received membership fees	-	0,80			
Rounding differences	-	-			
Unforeseen costs	-	-			
			«Loss»	122,93	443,34
TOTAL	30.142,93	30,456.07	TOTAL	30.142,93	30,456.07

Explanation result

The result shows all income and expenses of the financial year from 1 September 2016 to 31 August 2017. The left side of the result contains all expenses made by VCK and the right side contains all income collected by VCK. There are two columns on each side: the left column lists the amount as presented in the budget during the last GMM and the right column lists the actual result of the past financial year.

Debit

Depreciation costs	These costs are made as a result of the decrease in value of VCK inventory. New equipment, purchased during financial year 2016-2017, is depreciated during financial year 2016-2017 as well.
General	No new equipment was purchased.
IPTV	No new hardware was purchased.
IPTV IPv6	Depreciation of the IPTV IPv6 server that was purchased a few years ago.
Analogue	A set of new power cables was purchased to replace older cables in the Vrijhof.
Office/other	This year, we bought mechanical keyboards for the secretary and treasurer PCs, because the old keyboards were not suitable for extended use. For the move to the Bastille a new fridge and archive cabinet were bought. And finally a new PC was bought for the system operations group.
Amino set-top boxes	All Amino set-top boxes are fully depreciated. A few new power supplies were bought this year as this component appears to fail the most. There are no plans to buy new Amino set-top boxes next year, so this expense will probably fade out over time.
Contract costs	This category contains the costs for any contract with parties that provide one or more channels.
Primary channel contract	Contract with Ziggo which covers most channels.
Discovery	Contract with Discovery for the Discovery Science channel.
Cartoon Network	Contract with Turner for the Cartoon Network channel.
Power costs	Power costs for the server room in the Vrijhof. These costs are lower than budgeted, because a few unused servers were turned off this year.
Housing costs	Costs for renting rooms on Calslaan, Campuslaan and Witbreuksweg. This year, we moved to our new office space in the Bastille which increased these costs by roughly €800,-.
Board costs	All costs made by the board during board meetings and regular Wednesday evenings. This includes the board dinner and presents handed out during the last GMM. Due to the increased number of active members on Wednesday evenings and at the board dinner these costs are higher than expected.
Work costs	All costs made during code weekends and other whole-day VCK activities. These costs, turned out higher than last year, because there were some transactions booked on "board food debt" instead of work costs. This has been fixed now, but it did result in higher work costs this year.
Promotion costs	The costs for promoting VCK, with as primary goal attracting new (active) members. This year, we bought new stickers and flyers to hand out during the Kick-In, held the usual BBQ and partially sponsored VCK vests for the new active members. We did not however decide to sponsor a do-group, because, based on past experience, this does not attract a lot of new active members. Therefore the promotion costs were lower than budgeted.
Administrative costs	The costs among other things consist of paper, stamps, accounting software and bank transaction costs. The original plan was to launch MyVCK in March 2017, this would have generated a lot more transaction costs for the new direct debits. However, MyVCK was unfortunately not finished in time and therefore postponed until later this year.
Transport costs	Costs made when transporting items or people for VCK. This year, the costs only consisted of renting a van for moving to the Bastille.

Insurance costs	The costs for our liability insurance, electronics insurance and insurance of the spectrometer.
Telephone costs	The costs for the VCK telephone connection. This is a fixed monthly fee plus variable costs based on the duration and number of calls.
Moving costs	The costs made during the move from Calslaan 5-0 to Bastille room 306, e.g. white paint, painting equipment and cable ducts. The move was not planned last year, therefore no money was made available in the budget.
Use of own stock	Costs associated with the usage of stock, which could be sold, by VCK itself. For example using cables and connectors to repair a part of the distribution network.
GMM costs	The costs associated with hosting the GMM, e.g. printing costs, coffee/tea during the GMM, renting a location and the costs for the drink after the GMM.
Lustrum	A reservation for the upcoming lustrum.
Incidental	Expenses that could not be budgeted and are a one-time occurrence.
Not received membership fees	Normally this cost item is the sum of all membership fees that were not received. Furthermore, this cost item also contains membership fees or rent which were unfairly deducted and should not be paid by the member. This year, the direct debit for renting an Amino continued collecting rent from a member, who had already returned the set-top box. This was an administrative error and this has since been corrected.
Rounding differences	This year, there were no rounding differences. These could be caused by the redistribution of items ordered by active members at Nedis and Farnell.
Unforeseen expenses	This year, there were no unforeseen expenses.
Credit	
Membership fees	Membership fees from our members. Unfortunately, more members continue to terminate their membership with VCK. However, this year the decrease in membership fees matched the budgeted amount.
Connection fees/fines	The administrative fees charged for connecting new members to our distribution network. A lot of new people became a member of VCK during August, so presumably the information folder about VCK, which is now provided by De Veste to new residents, has increased awareness of VCK.
Rent Amino set-top boxes	Income collected from Amino set-top box renters. The total sum of all received rent increased slightly compared to last year, but unfortunately not as much as budgeted.
Interest	Interest earned on the VCK savings account. The interest rate continues to decrease.
Gifts	Gifts and donations to VCK. After separating the board food savings from the financial administration, some money was left over due to administrative errors, therefore this was booked as a gift. The other part of the gifts was a €0,27 donation from PayPal required for verifying our account.

5.2 Balance sheet (start & end financial year 2016-2017)

Assets	1-9-2016 (€)	31-8-2017 (€)	Liabilities	1-9-2016 (€)	31-8-2017 (€)
- <i>Fixed assets</i>			- <i>Equity</i>		
Inventory			Equity	31.476,17	31.476,17
General	2.779,27	2.354,06	Reserve	20.000,00	20.000,00
IPTV	888,56	589,33	Lustrum savings	500,00	750,00
IPTV IPv6	6.919,99	5.354,19			
Analogue	6.790,99	6.693,02	- <i>Debt capital</i>		
Office/other	1.939,99	2.144,27	Creditors	8.718,93	198,40
Amino set-top boxes	802,37	692,56	Amino security deposits	2.300	2.100,00
			Internal transfers	-	-
- <i>Current assets</i>			Accrued liabilities	3.617,25	2.439,30
Debtors	2.217,71	196,03			
Stock	2.870,95	2.628,7			
Payment account	798,02	672,46			
Savings account	39.938,75	35.024,79			
Cash box	113,91	114,42			
Board food debt	552,64	66,70			
«Loss»		443,34			
TOTAL	66.612,35	56.963,87	TOTAL	66.612,35	56.963,87

Explanation balance sheet

This balance sheet depicts the financial situation of the association on 1 September 2016 and on 31 August 2017, respectively the start and end of the financial year. Assets, the association's possessions expressed in terms of money, are listed on the left. These consist of the inventory, stock, debtors, grey cash box and bank accounts. Liabilities are listed on the right. This is the sum of the equity and debt capital.

Activa

Inventory	This is the current value of equipment and furniture. The difference between the amount listed at the start and end of the financial year consists of the purchase of new equipment minus the depreciation expense.
Debtors	This is the sum of all amounts that are still to be received by VCK> These amounts are specified in detail in the "Debtors and Creditors" section.
Stock	The current stock of VCK, i.e. all items that could be sold by VCK. The stock among other things consists of cables, splitters, switches and plugs.
Payment account	The balance of the VCK payment account.
Savings account	The balance of the VCK savings account.
Cash box	The amount of money in the grey cash box.
Board food debt	This is the sum of all debts owed to VCK by the board and active members for ordering food on Wednesday evenings. VCK will pay these orders in advance using the cash box or payment account and people will pay their debt later. This year, we split off the food administration from the financial administration, as suggested by the auditing committee. A small amount of debt was still owed at the end of the financial year, however this has since been resolved.

Liabilities

Equity	The equity is the difference between the value of the assets and the value of the debt capital. The equity consists partially of reserve, which can be used to purchase necessary inventory in a disaster scenario, and partially of the lustrum savings.
Creditors	This is the sum of all amounts that VCK still has to pay to third parties. These amounts are specified in detail in the "Debtors and Creditors" section.
Amino security deposits	The security deposits made by Amino set-top box renters. A security deposit is paid out once the Amino set-top box is returned to VCK.
Internal transfers	Internal transfers are used in our accounting software to split transactions between multiple cost items. The sum of these mutations is always zero.
Accrued liabilities	This amount is a reservation for invoices with a date in the financial year 2016-2017, that have not been received yet. These invoices are specified in detail in the "Accrued liabilities" section.

5.2.1 Debtors and Creditors

Listed below is a specification of all outstanding invoices on 31 August 2017. All these invoices have been paid or payment has been received by VCK.

Debtors

Nedis invoice (Yuri van Midden)	110,-
Personal contribution VCK vest (Yuri van Midden)	18,95
Beer consumption invoice (4 people)	67,08

Creditors

Discovery Science July 2017	101,25
Key safe Bastille room	30,-
Declarations	67,15

5.2.2 Accrued liabilities

Listed below is a specification of all invoices with dates in financial year 2016-2017, that have not been received yet.

Discovery Science August 2017	101,25
Ziggo signal costs July - August 2017 (estimate)	2.300,-

5.3 Balance sheet (start of financial year 2017-2018)

Assets	1-9-2017 (€)	Liabilities	1-9-2017 (€)
- <i>Fixed assets</i>		- <i>Equity</i>	
Inventory		Equity	31.032,83
General	2.354,06	Reserve	20.000,00
IPTV	589,33	Lustrum savings	750,00
IPTV IPv6	5.354,19		
Analogue	6.693,02	- <i>Debt capital</i>	
Office/other	2.144,27	Creditors	198,40
Amino set-top boxes	682,56	Amino security deposits	2.100,00
		Internal transfers	-
		Accrued liabilities	2.439,30
- <i>Current assets</i>			
Debtors	196,03		
Stock	2.628,70		
Payment account	672,46		
Savings account	35.024,79		
Cash box	113,42		
Board food debt	66,70		
TOTAL	56.520,53	TOTAL	56.520,53

5.4 Auditing committee report

The auditing committee presents their report of the past financial year.

Chapter 6

Board proposal VCK 2017-2018

To be charged

- Dré van Oorschot

To be decharged

- Dorus Abeln

Board proposal 2017-2018

- Chairman - Daniël Huisman
- Secretary - Yoeri Otten
- Treasurer - Dré van Oorschot
- System operator - Noah Goldsmid
- System operations - Wouter van den Brink
- System operations - Pieter Staal

Technical Committee

- Dorus Abeln
- Joris de Leeuw
- Tijmen de Mes
- Jakub Orlinksi
- Kaj van Rijn
- Simon Wamelink

PR Committee

- Yoen Otten
- Dré van Oorschot
- Joris de Leeuw
- Sterre Storm



446 Chapter 7

447 Policy plan 2017/2018

448 *Written by Daniël Huisman*

449 Listed below are the points of focus for the upcoming board term.

450 **New set-top box**

451 VCK wants to offer more than just television with the new set-top box. Think about functions like
452 YouTube, Campus Search and Uitzending Gemist (Catch Up/On Demand). Last year VCK started
453 searching for a future-proof solution. This year VCK wants to realize a first version of this new set-top
454 box and make it available to its members.

455 **Payment by direct debit**

456 Currently all contribution invoices are printed out and delivered by hand. This is not an ideal situation
457 for our members or VCK. Payment by monthly SEPA direct debit will make it easier for members to
458 pay their contribution. With this goal in mind MyVCK was developed, the new administration system
459 of VCK. This year VCK will roll out this system to its members.

460 **Replacement of old systems**

461 Part of the current hardware and software is starting to age. This year VCK wants to start replacing
462 a few of these systems:

- 463 ■ Master, this server runs most of the software that is not directly involved in providing the TV
464 signal, e.g. the website and the Amino platform.
- 465 ■ NOC, this server is responsible for monitoring and backing up the other servers.
- 466 ■ IPTV to analogue setup, this group of set-top boxes is used to add part of the IPTV channels to
467 the analogue spectrum.

468 **Cleanup of inventory and rooms**

469 VCK's rooms located on the Calslaan, Campuslaan and Witbreuksweg have collected quite the col-
470 lection of devices, stock and inventory. Unfortunately no records were kept of what devices are
471 broken and where important parts of the inventory are located. Last year the rooms located on the

472 Calslaan and Campuslaan were already thoroughly cleaned and sorted. This year VCK wants to
473 continue this trend and also clean the room located on Witbreuksweg. Furthermore VCK wants to
474 set up a system which can keep track of the location of important parts of our stock and inventory.

475 **Restructuring ViCE**

476 ViCE is the management system for all TV-related servers. Over the past year, some frustrations
477 have been expressed about the functioning of ViCE, mainly about the frontend. Currently there are
478 multiple versions of the frontend running simultaneously that are all partially unfinished. The system
479 operations group wants to make a plan this year for restructuring ViCE and if time permits start
480 executing the plan as well.

481 **System operations meetings**

482 During board meeting, technical matters are sometimes discussed in too much detail. By introducing
483 separate system operations meetings, the system operations group can discuss technical matters in
484 extensive detail without slowing down board meetings. During the next board meeting, the system
485 operator will provide a short summary to the rest of the board, so everybody stays up-to-date on
486 important technical matters.

487 Chapter 8

488 Move to the Bastille

489 *Written by Daniël Huisman*

490 8.1 Introduction

491 Last year, we were looking for a more suitable workspace than the basement of Calslaan 5, dubbed
492 Calslaan 5-0. We then contacted the Student Union about the availability of office space in the
493 Bastille. There were several options available ranging from 13 to 28 square metres. Unfortunately
494 the largest room of 28 square metres was, even with subsidy from the Student Union, too expensive.
495 Therefore we chose room 306, which is roughly 18 square metre. In size this is a small improvement
496 over Calslaan 5-0, but the facilities available in the Bastille were the main selling points.

497 In the weekend of Saturday May 13th, we moved to Bastille room 306. Renting this room cost
498 roughly €800,- for the remainder of the year (July-September 2017).

499 Bastille room 306 costs €2000,- per year, including the subsidy from the Student Union. We have
500 to vote on this contract for the upcoming years, because it exceeds one thousand euros, as stated in
501 article 3 of the internal regulations:

502 The association is only authorized by two-thirds of the General Assembly to conclude
503 agreements which exceed an interest of one thousand euros, as stated in article 13,
504 clause 5 of the articles of association.

505 8.2 Improvements

506 Before and since moving to Bastille room 306, we have noticed a significant improvement over Cal-
507 slaan 5-0:


- 508 ■ We have toilets. This is especially convenient for female members of VCK.
- 509 ■ We are closer to other student associations. This improves visibility of our association.
- 510 ■ We are more accessible for our members and our appearance is more professional.
- 511 ■ The space is slightly larger, which allowed us to create more workspaces. The new layout also
512 encourages productivity compared to Calslaan 5-0.
- 513 ■ The Bastille also offers conference rooms and various tables/couches that can be used as
514 workspaces. All these facilities have already been used and will continue to make the associa-
515 tion future-proof in case the amount of active members increases.

516 8.3 Other rooms

517 We decided to keep all other rooms located on Calslaan, Campuslaan and Witbreuksweg. These
518 rooms are still being used for storage of tools, hardware and documents. All these rooms also
519 contain distribution points for the analogue signal.


520 8.4 Budget

521 There are a few significant factors that caused us to rearrange large portions of the budget for 2017-
522 2018:

523  New Ziggo and Videma contracts

524  No Cartoon Network contract

525  No Discovery Science contract

526  No more power costs

527 With these large changes we also included the €2000,- extra housing costs.

528 Chapter 9

529 Proposal membership fee change

530

Written by Daniël Huisman

531 9.1 Background

532 In July 2016, before the last GMM, we started negotiations with Ziggo for a new contract, because
533 the current contract would end on June 23th 2017. The contract with Ziggo is the primary source
534 of TV/radio channels for VCK, therefore renewing this contract or finding an alternative became the
535 primary goal of the previous board (2016-2017). The old Ziggo contract:

- 536 ■ 5 year contract
- 537 ■ €0,00 per connection per month (excl. VAT)
- 538 ■ 0 connections
- 539 ■ Total (excl. VAT): roughly €11.570,-
- 540 ■ Total (incl. VAT): roughly €14.000,-

541 9.2 Ziggo

542 During the first meeting between VCK and Facilitair Bedrijf (FB), we discussed Ziggo's initial offer:

- 543 ■ 5 year contract
- 544 ■ €4,50 per connection per month (excl. VAT)
- 545 ■ 2209 connections
- 546 ■ Total (excl. VAT): €119.286,- per year
- 547 ■ Total (incl. VAT): €144.336,06 per year

548 VCK and FB concluded the amount of connections was unreasonable and did not represent the
549 campus. The campus has a maximum of 726 connections, with roughly 2100 students living on
550 campus. At the moment roughly 390 of these connections are a member of VCK, which in turn
551 makes roughly 1500 students a member of VCK. FB would inform Ziggo about the correct situation
552 on campus and VCK would start looking for alternatives to Ziggo, i.e. Canal Digitaal, KPN and Tweak
553 (Sparql).

554 9.2.1 Alternatives

555 Both KPN and Tweak (Sparql) couldn't provide us with TV signal due to the nature of their own
556 contracts, but Canal Digitaal was able to make an initial offer:

- 557 ■ 3 year contract
- 558 ■ €6,44 per connection per month (excl. VAT)
- 559 ■ 507 connections with a 30% discount, so 355 connections
- 560 ■ Total (excl. VAT): €27.434,40 per year
- 561 ■ Total (incl. VAT): €33.195,63 per year

562 This was a great offer in comparison to Ziggo, however Canal Digitaal provides all their channels
563 via satellite (DVB-S). This would require an investment in new hardware, because Ziggo provides
564 their channels via cable (DVB-C). The offer of Canal Digitaal was communicated back to Ziggo as
565 leverage in the negotiations.

566 9.2.2 Final offers

567 Both Ziggo and Canal Digitaal made their final offers, after a lot of back-and-forth between all parties
568 involved.

569 Ziggo's final offer:

- 571 ■ 5 year contract
- 572 ■ €6,95 per connection per month (excl. VAT)
- 573 ■ 423 connections
- 574 ■ Total (excl. VAT): €35.278,20 per year
- 575 ■ Total (incl. VAT): €42.686,63 per year

576 Canal Digitaal's final offer:

- 577 ■ 3 year contract
- 578 ■ €6,12 per connection per month (excl. VAT)
- 579 ■ 423 connections
- 580 ■ Total (excl. VAT): €31.065,12 per year
- 581 ■ Total (incl. VAT): €37.588,80 per year

582 FB wanted to accept Ziggo's offer, because with Canal Digitaal VCK would have had to take
583 over all UT connections. Therefore FB agreed to drop all power costs made by VCK's headend in
584 the Vrijhof. The power costs are roughly €4.000,- per year. This resulted in a final difference of
585 €1097.83 between the two offers, which excludes the investment in new hardware. VCK agreed with
586 FB to accept Ziggo's as the difference was minimal and required no further technical effort.

587 9.3 Videma

588 9.3.1 Initial offer

589 During the negotiations with Ziggo, FB came in contact with Videma, a foundation that collects distri-
590 bution rights for most Dutch TV channels. Videma informed FB and VCK about distribution rights and
591 explained that these rights were not covered by our contract with Ziggo. Videma is allowed, by law,
592 to collect these rights up to five years in the past. FB and VCK were not properly informed by Ziggo
593 about the existence of Videma and therefore Videma only gave us a fine for the last year. Videma
594 initially wanted to charge us equally for all 2100 students living on campus:

595 ■ €28,32 per connection per year (excl. VAT)

596 ■ 2100 connections

597 ■ Total (excl. VAT): €59.472,- per year

598 ■ Total (incl. VAT): €71.961,12 per year

599 At this point in time, FB hired a lawyer who specialised in Dutch copyright law. The lawyer re-
600 searched the validity of Videma's claim and informed FB and VCK about the findings. Essentially,
601 Videma has the right to collect these distribution rights, on behalf of the Dutch TV channels, up to
602 five years in the past. The lawyer did however explain that the prices are not defined by law and are
603 negotiable. The recommendation was to submit detailed documents about the connections on cam-
604 pus to reduce the number of connections in Videma's offer. FB submitted a list of campus addresses
605 from De Veste and a copy of the latest VCK membership invoices to Videma. Videma responded
606 with two new proposals. Both proposals have a reduced amount of connections, which represents
607 the active number of VCK connections.

608 9.3.2 Final offers

609 The first proposal split residences in two categories, namely solitary residences and residences with
610 a shared living room. These residences would be classified as distribution and secondary publication
611 ("secondaire vertoning" in Dutch) respectively. For secondary publication Videma would apply their
612 default pricing for nursing homes, because this best reflected the campus according to Videma.
613 The first proposal:

614 ■ €28,32 per year (excl. VAT) for solitary residences

615 ■ €210,36 per year (excl. VAT) for residences with a shared living room

616 ■ 273 solitary residences

617 ■ 150 residences with a shared living room

618 ■ Total (excl. VAT): €39.285,36 per year

619 ■ Total (incl. VAT): €47.535,28 per year

620 The second proposal would not use any of Videma's default pricing and instead calculate the price
621 based on the amount of hours per day someone was watching TV. This would include both primary
622 and secondary publication ("primaire en secondaire vertoning" in Dutch). Both VCK and FB tried
623 these calculations and even with unrealistic hours the pricing would easily exceed any of Videma's
624 other offers.

625 FB accepted the first offer and managed to reduce the fine to only the past half year. FB offered
626 to pay the fine as VCK could not afford to pay it with the contribution of the past few years.

9.3.3 Current situation

The costs in the current Videma agreement are too high for residences with a shared living room. After further investigation VCK believes shared living rooms should not be classified as secondary display, but rather as distribution. Primary and secondary display applies to organised events where multiple people are watching a TV channel, e.g. watching a soccer game in a local cafe. Distribution applies to an organisation that redistributes the TV channel(s) to one or more locations, e.g. in hotels or student accommodation. Therefore VCK and FB asked the UT lawyer to further investigate the legality of Videma's classifications. The lawyer agrees with VCK and is hopeful we can change the Videma agreement. This would reduce the Videma costs to the following:

■ €28,32 per connection per year (excl. VAT)

■ 423 connections

■ Total (excl. VAT): €11.979,36 per year

■ Total (incl. VAT): €14.495,03 per year

9.4 Total costs

9.4.1 Yearly costs

	Costs (excl. VAT)	Costs (incl. VAT)
Ziggo	€35.278,20	€42.686,63
Videma	€11.979,36	€14.495,03
VCK	€12.500,-	€12.500,-
Total	€59.757,56	€69.681,66

9.4.2 Costs per residence

	Ziggo	Videma	Total (excl. VAT)	Total (incl. VAT)
Monthly	€6,95	€2,36	€9,31	€11,27
Yearly	€83,40	€28,32	€111,72	€135,20

9.5 The proposal

The proposal for the new membership fee is €14,95 per residence per month. The membership fee will no longer be based on the amount of residents. All expenses made for providing TV to a residence are directly charged to the members of said residence. With the new membership fee VCK will be able to pay the contract costs for TV channels/rights, the costs for distributing the signal across campus and the costs for running the association. Every three months, the number of connections can be communicated to Ziggo and Videma, but the VCK costs will remain the same. Therefore a small margin was added to compensate for the possible loss of members. If the amount of connections stabilises in the future, the membership fee might be reduced slightly, but for now this margin is useful.

Contract costs	€11.27
VCK costs	€2.47
VCK margin	€1.21
Total	€14.95

656 Chapter 10

657 Proposal modification internal 658 regulations

659 *Written by Daniël Huisman*

660 Listed below are the proposed changes to the internal regulations. The modifications are available in
661 both Dutch and English, however only the Dutch version is official. The English translation is provided
662 for non-Dutch members.

663 Modifications in Dutch

664 Artikel 4: Taakomschrijving bestuursleden

665 Huidige versie

666 De VCK streeft naar een bestuursgrootte van 8 leden

667

668 Nieuwe versie

669 De VCK streeft naar een bestuursgrootte van 6 leden.

670 Artikel 7, Contributie- en stemverdeling

671 Huidige versie

672 Van de verdeling, zoals omschreven in art. 9 lid 2 en art. 18 lid 2 van de statuten, zal worden
673 afgeweken in de volgende gevallen:

674 1. Voor de wooneenheden (bekend als solitaire kamers):

675 Matenweg 73 kamers 301 t/m 308, Matenweg 75 kamers 301 t/m 312, Calslaan 60 kamers 1
676 t/m 160, De Hems 16 kamers 1 t/m 87, Witbreuksweg 377 t/m 401 (oneven nummers, kamers
677 301 t/m 312). Deze wooneenheden zullen worden beschouwd als hebbende 2 kamers.

678 2. Voor de wooneenheden (bekend als appartementen):

679 Calslaan 1-4, 3-4, 4-11, 5-4, 7-4, 8-11, 9-4, 11-4, 13-4, 22-11, 26-11, 32-11, 36-11, Maten-
680 weg 10-2, 12-2, 14-2, 26-2, 28-2, 73-401, 73-402, 75-401, 75-402, 75-403, Witbreuksweg 377
681 t/m 401 (oneven nummers, kamers 401 t/m 404) en Campuslaan 20 t/m 46 (even nummers),
682 tevens bekend als de torenflat. Deze wooneenheden zullen worden beschouwd als hebbende
683 2 kamers.

684 3. Voor de wooneenheden (bekend als medewerkerswoningen):

685 Drienerbeeklaan 15 t/m 37 (oneven nummers), Achterhorst 6 t/m 28 (even nummers), Reelaan

- 686 1 t/m 41 (oneven nummers) en Langenkampweg 91 t/m 119 (oneven nummers). Deze wooneen-
687 heden zullen worden beschouwd als hebbende 4 kamers.
- 688 4. Voor de wooneenheden Campuslaan 19, beter bekend als het tennispaviljoen en voor Campus-
689 laan 15, beter bekend als Boerderij Bosch, geldt dat zij zullen worden beschouwd als hebbende
690 6 kamers.
- 691 5. Voor de wooneenheden Campuslaan 48 t/m 58 (even nummers), beter bekend als Logica geldt
692 dat deze woningen als 1 geheel zullen worden beschouwd als hebbende 18 kamers.
- 693 6. Voor de verenigingsruimte van studievereniging Stress, te Drienerlolaan 5, geldt dat zij zal
694 worden beschouwd als hebbende 4 kamers.
- 695 7. Voor Studentenvereniging "De Gevreesde Koe", beter bekend als de Vestingbar, geldt dat zij
696 zal worden beschouwd als hebbende 10 kamers.
- 697 8. Voor Campuslaan 99, ontvangstruimte Acasa, geldt dat zij zal worden beschouwd als hebbende
698 6 kamers.
- 699 9. In woongroepen zonder flatvertegenwoordiger, omdat een derde partij hun contributie betaalt,
700 hebben alle bewoners individueel stemrecht zoals in art. 18 lid 3 van de statuten omschreven.

701 De nieuwe versie wordt uitgesplitst in twee artikellen. Natuurlijk worden alle volgende artikellen her-
702 nummerd.

703

704 **Artikel 7, Contributieverdeling**

705 Van de verdeling, zoals omschreven in art. 9 lid 2, zal worden afgeweken in de volgende gevallen:

- 706 1. Alle wooneenheden aangesloten op het distributienet, zoals in art. 5 lid 1 van de statuten is
707 omschreven, worden beschouwd als hebbende 1 kamer. Hiermee betalen alle wooneenheden
708 evenveel contributie.

709 **Artikel 8, Stemverdeling**

710 Van de verdeling, zoals omschreven in art. 18 lid 2, zal worden afgeweken in de volgende gevallen:

- 711 1. In woongroepen zonder flatvertegenwoordiger, omdat een derde partij hun contributie betaalt,
712 hebben alle bewoners individueel stemrecht zoals in art. 18 lid 3 van de statuten omschreven.

713 **Artikel 8, Technische commissie**

714 **Huidige versie**

715 Op grond van art. 12 lid 3 van de statuten worden hier beschreven, het doel, de invulling en de
716 taakomschrijving van de technische commissie.

717 1. De commissie heeft tot doel:

- 718 (a) Het ondersteunen van de taken van de systeemgroep.

719 2. De commissie bestaat uit:

- 720 (a) Alle systeemgroepleden, tevens lid van het bestuur.

- 721 (b) **Leden met kabeltechnische vaardigheden.**

722 3. De commissie heeft tot taak:

- 723 (a) De doelstellingen te verwezenlijken.

- 724 (b) Alle werkzaamheden te rapporteren aan het bestuur, op verzoek schriftelijk.

725 4. De commissie valt onder verantwoording van het bestuur.

726 **Nieuwe versie**

727 Op grond van art. 12 lid 3 van de statuten worden hier beschreven, het doel, de invulling en de
728 taakomschrijving van de technische commissie.

729 1. De commissie heeft tot doel:

730 (a) Het ondersteunen van de taken van de systeemgroep.

731 2. De commissie bestaat uit:

732 (a) Alle systeemgroepleden, tevens lid van het bestuur.

733 (b) **Leden met technische vaardigheden.**

734 3. De commissie heeft tot taak:

735 (a) De doelstellingen te verwezenlijken.

736 (b) Alle werkzaamheden te rapporteren aan het bestuur, op verzoek schriftelijk.

737 4. De commissie valt onder verantwoording van het bestuur.

738 **Artikel 13**

739 **Huidige versie**

740 1. Op het distributienet mag geen apparatuur worden aangesloten, die storing, schade of hoogfre-
741 quente uitstraling veroorzaakt. In een voorkomend geval wordt de signaallevering aan de betr-
742 effende wooneenheid opgeschort, zodat de signaallevering voor de andere leden niet in gevaar
743 komt.

744 2. Wooneenheidsaansluitingen mogen uitsluitend gebruikt worden voor signaaldoorgifte binnen de
745 betreffende wooneenheid.

746 3. Aan de apparatuur, die onder beheer is van de vereniging, mogen geen wijzigingen aange-
747 bracht worden.

748 4. **De her-aansluitingskosten voor solitaire kamers, appartementen en medewerkerswoning-
749 gen, volgens art. 7 van dit huishoudelijk reglement, worden vastgesteld op €10,- vaste
750 kosten en de contributie van één jaar, per aansluiteenheid. De her-aansluitingskosten
751 voor andere aansluitingen worden vastgesteld op €25,- vaste kosten en het geldende
752 contributiebedrag van 5 maanden, per aansluiteenheid.**

753 **Nieuwe versie**

754 1. Op het distributienet mag geen apparatuur worden aangesloten, die storing, schade of hoogfre-
755 quente uitstraling veroorzaakt. In een voorkomend geval wordt de signaallevering aan de betr-
756 effende wooneenheid opgeschort, zodat de signaallevering voor de andere leden niet in gevaar
757 komt.

758 2. Wooneenheidsaansluitingen mogen uitsluitend gebruikt worden voor signaaldoorgifte binnen de
759 betreffende wooneenheid.

760 3. Aan de apparatuur, die onder beheer is van de vereniging, mogen geen wijzigingen aange-
761 bracht worden.

762 4. **De (her)aansluitingskosten voor wooneenheden worden vastgesteld op €10,- eenmalige
763 kosten.**

- 764 5. **Voor de wooneenheden (bekend als medewerkerswoningen):**
 765 **Drienerbeeklaan 15 t/m 37 (oneven nummers), Achterhorst 6 t/m 28 (even nummers),**
 766 **Reelaan 1 t/m 41 (oneven nummers) en Langenkampweg 91 t/m 119 (oneven nummers).**
 767 **Deze wooneenheden mogen niet worden aangesloten op het distributienet, zoals vast-**
 768 **gesteld in het primaire zendercontract met de universiteit.**

769 **Modifications in English**

770 **Article 4: Task description board members**

771 **Current version**

772 VCK aims for a board with 8 members.

773

774 **New version**

775 VCK aims for a board with 6 members.

776 **Article 7, Membership fees and distribution of votes**

777 **Current version**

778 Of the distribution, as defined in article 9, clause 2 and article 18, clause 2 of the articles of associa-
 779 tion, will be deviated in the following cases:

- 780 1. The following residences (known as solitary units) will be considered as having 2 rooms:
 781 Matenweg 73 rooms 301-308, Matenweg 75 rooms 301-312, Calslaan 60 rooms 1-160, De
 782 Hems 16 rooms 1-87 and Witbreuksweg 377-401 (odd numbers, rooms 301-312).
- 783 2. The following residences (known as apartments) will be considered as having 2 rooms:
 784 Calslaan 1-4, 3-4, 4-11, 5-4, 7-4, 8-11, 9-4, 11-4, 13-4, 22-11, 26-11, 32-11, 36-11, Matenweg
 785 10-2, 12-2, 14-2, 26-2, 28-2, 73-401, 73-402, 75-401, 75-402, 75-403, Witbreuksweg 377-
 786 401 (odd numbers, rooms 401-404) and Campuslaan 20-46 (even numbers), better known as
 787 Torenflat.
- 788 3. The following residences (known as employee housing) will be considered as having 4 rooms:
 789 Drienerbeeklaan 15-37 (odd numbers), Achterhorst 6-28 (even numbers), Reelaan 1-41 (odd
 790 numbers) and Langenkampweg 91 t/m 119 (odd numbers).
- 791 4. The following residences (known as employee housing) will be considered as having 6 rooms:
 792 Campuslaan 15, better known as Boerderij Bosch and Campuslaan 19, better known as tennis
 793 pavilion.
- 794 5. The residences Campuslaan 48 to 58 (even numbers), better known as Logica, will be consid-
 795 ered as 1 unit with 18 rooms.
- 796 6. The offices of student association Stress, located at Drienerlolaan 5, will be considered as
 797 having 4 rooms.
- 798 7. The student association "De Gevreesde Koe", better known as Vestingbar, will be considered
 799 as having 10 rooms.
- 800 8. The reception room of Acasa (now known as De Veste), located at Campuslaan 99, will be
 801 considered as having 6 rooms.
- 802 9. In residential groups without a flat representative, because a third party pays their contribution,
 803 all residents have individual voting rights as stated in article 18, clause 3 of the articles of
 804 association.

805 The new version is split in two articles. Obviously, all articles following this one will be renumbered.

806

807 **Article 7, Membership fees**

808 Of the distribution, as defined in article 9, clause 2 of the articles of association, will be deviated in
809 the following cases:

- 810 1. All residences connected to the distribution network, as stated in article 5, clause 1 of the
811 articles of association, will be considered as having 1 room. Therefore all residences pay equal
812 membership fees.

813 **Article 8, Distribution of votes**

814 Of the distribution, as defined in article 18, clause 2 of the articles of association, will be deviated in
815 the following cases:

- 816 1. In residential groups without a flat representative, because a third party pays their contribution,
817 all residents have individual voting rights as stated in article 18, clause 3 of the articles of
818 association.

819 **Article 8, Technische commissie**

820 **Current version**

821 Based on article 12, clause 3 of the articles of association the purpose, description and tasks of the
822 technical committee are described below.

- 823 1. The committee's missions is to:
- 824 (a) Support system operations with their tasks.
- 825 2. The committee consists of:
- 826 (a) All system operations members of the board.
827 (b) **Active members with technical skills.**
- 828 3. The committee has the following tasks:
- 829 (a) Achieve its primary mission, see clause 1.
830 (b) Report all activities to the board, on request in writing.
- 831 4. The committee is under the responsibility of the board.

832 **New version**

833 This article remains unchanged in the English version.

834 **Article 13**

835 **Current version**

- 836 1. No equipment may be connected to the distribution system which could cause interference,
837 damage or high frequency radiation. In case this occurs, the signal delivery to the relevant
838 residence will be suspended, to ensure the signal delivery of other members will not be com-
839 promised.
- 840 2. Residential connections may only be used for signal transmission within the residence itself.
- 841 3. No changes may be made to the equipment controlled by the association.

842 **4. The (re)connection costs for solitary rooms, apartments and employee housing, accord-**
843 **ing to article 7 of these Internal Regulations, are set at €10,- plus the remaining contri-**
844 **bution of the current financial year. The (re)connection costs for other connections are**
845 **set at €25,- plus the contribution for 5 months.**

846 **New version**

847 1. No equipment may be connected to the distribution system which could cause interference,
848 damage or high frequency radiation. In case this occurs, the signal delivery to the relevant
849 residence will be suspended, to ensure the signal delivery of other members will not be com-
850 promised.

851 2. Residential connections may only be used for signal transmission within the residence itself.

852 3. No changes may be made to the equipment controlled by the association.

853 **4. The (re)connection costs for residences are set at €10,- one-time costs.**

854 **5. For the following residences (known as employee housing):**
855 **Drienerbeeklaan 15-37 (odd numbers), Achterhorst 6-28 (even numbers), Reelaan 1-41**
856 **(odd numbers) and Langenkampweg 91-119 (odd numbers). These residences are not**
857 **allowed to be connected to the distribution network, as stated in the primary channel**
858 **contract with the university.**

Chapter 11

Budget VCK 2017-2018

Written by Dré Oorschot

Explanation budget

This is the budget for the next financial year. To keep a good overview, the budget and result of the last financial year is also included. Some budget choices are explained below.

Debit

Depreciation costs	These costs are budgeted for the decrease in value of VCK inventory. New equipment, purchased during financial year 2017-2018, is depreciated during financial year 2017-2018 as well.
General	The depreciation for the category general are based on the depreciation of equipment we already have and a margin for new equipment we are going to buy this year. We are planning to replace the hard drives of the NOC server and also do some maintenance on the master server.
IPTV	The depreciation of IPTV hardware is budgeted low as the current inventory is almost completely depreciated. We are not planning to buy any new hardware this year.
IPTV IPv6	Depreciation of the IPTV IPv6 server that was purchased a few years ago.
Analogue	The depreciation of the analogue inventory is a bit higher than usual as we are planning to reconfigure our analogue setup for which we are going to buy some new hardware. To be specific, we are planning to reconfigure the IPTV to analogue setup.
Office/other	We expect the depreciation of the current inventory to be around €280,-. However, we are planning to buy two office chairs, a keyboard and a compressor.
Amino set-top boxes	The Amino set-top boxes we currently own are completely depreciated. We are also not planning to buy new Amino set-top boxes as they will be replaced this year by the Protein set-top box. We still reserve €150,- to buy missing or broken components.
Contract costs	This category contains the costs for any contract with parties that provide one or more channels.
General contracts	This item is budgeted lower than previous years as the Ziggo contract has been removed from the item and is now budgeted as its own item.
Contract Ziggo	The new Ziggo contract costs a lot more than previous years, due to the new 5 year contract that turned out a lot higher than previous years.
Videma costs	This item contains all the costs to be paid to Videma.

Discovery	This item is budgeted lower, because there is no new contract for next year. There is no new contract because of a significant increase of the contract costs.
Cartoon Network	No new contract was signed, because of the increase in contract costs. This is why the item is budgeted lower.
Power costs	Power costs will be paid by the university this year which was negotiated during the contract meetings with the university.
Housing costs	The housing costs are budgeted a lot higher this year as we have moved to a room in the Bastille this year. The rent for the room is now included in the budget.
Board costs	Board costs are quite a bit lower this year as we decided to move food and drinks to work costs.
Work costs	Work costs now also include food and drinks. Code weekends have been moved to its own cost item.
Code weekend costs	We plan to do four code weekends this year.
Promotion costs	We are not sponsoring a do-group this year as we have found this to be ineffective promotion. We plan to buy new board clothing this year.
Administrative costs	We expect this cost item to be much larger than last year as we plan to switch from invoices to SEPA direct debits which have additional costs.
Transport costs	Transport costs are rarely used. However, we still want to give the possibility to expense these costs if they occur. Therefore transport costs are only €100,-.
Insurance costs	The insurance policy remains unchanged.
Telephone costs	Telephone costs consist of fixed costs and variable costs based on call time. We do not expect any large differences between this year and last year.
Moving costs	The costs made during the move from Calslaan 5-0 to Bastille room 306, e.g. white paint, painting equipment and cable ducts. The move was not planned last year, therefore no money was made available in the budget.
Use of own stock	Use of own stock is difficult to budget. The cost item remains the usual €400,-.
GMM costs	The budget for the GMM remains unchanged. The budget of the GMM consist of the rent for the Amphitheater, printing of the GMM documents and the post-GMM drink.
Lustrum	This is the yearly reservation for the lustrum.
Credit	
Membership fees	In order to negate the higher contract costs, the membership fees is raised. Therefore, this item is budgeted higher than before.
Connection fees/fines	Since last year's result turned out higher than expected, we expect this item to turn out higher this year.
Rent Amino set-top boxes	The number of Amino set-top boxes rented last year increased slightly. However, we expect this number to decrease this year as we will not be providing TV signal to the universities employee houses this year where lots of set-top boxes are used.
Interest	We expect the interest rate to decrease even more this year.
Loss	Because of the new contract costs and the predicted decrease in the amount of members, a loss is budgeted.

	Budget '16-'17 (€)	Result '16-'17 (€)	Budget '17-'18 (€)	Credit	Budget '16-'17 (€)	Result '16-'17 (€)	Budget '17-'18 (€)
Debit							
Depreciation				Membership fees	27,000,00	26,953,20	66,000,00
General	500,00	425,21	600,00	Connection fees/fines	120,00	280,00	200,00
IPTV	450,00	299,23	300,00	Rent Amino set-top boxes	2,800,00	2,672,06	2,400,00
Analogue	150,00	156,47	200,00				
IPTV IPv6	1,565,80	1,565,80	1,131,40	Interest	100,00	86,04	30,00
Office/other	275,00	419,25	400,00	Incidental			
Amino set-top boxes	300,00	172,06	150,00	Gifts	-	21,43	-
Protein set-top boxes	-	-	1,000,00				
Contract costs							
General contracts	14,100,00	14,000,00	227,40				
Ziggo contract	-	-	42,200,20				
Videma costs	-	-	14,495,00				
Discovery	1,215,00	1,215,00	405,00				
Cartoon Network	1,200,00	1,200,00	-				
Power costs	4,300,00	4,048,10	-				
Housing costs	540,00	1,371,76	2,540,00				
Board costs	1,350,00	1,718,90	450,00				
Work costs	750,00	818,06	750,00				
Code weekend costs	-	-	600,00				
Promotion costs	800,00	581,48	750,00				
Administrative costs	650,00	398,21	900,00				
Transport costs	100,00	107,49	100,00				
Insurance costs	697,13	697,13	697,13				
Telephone costs	250,00	224,34	250,00				
Moving costs	-	170,35	-				
Use of own stock	400,00	282,03	400,00				
GMM costs	300,00	334,40	350,00				
Lustrum	250,00	250,00	250,00				
Incidental							
Not received membership fees	-	0,80	-				
Rounding differences	-	-	-				
Unforeseen costs	-	-	-				
TOTAL	30.142,93	30,456.07	69.145,96	«Loss»	122,93	443,34	515,96
				TOTAL	30.142,93	30,456.07	69.145,96

