

# AURORÆ Solutions

Providing full-scale IT support to Professional Individuals, Enterprises and Organizations

We assist you in building, enhancing and managing your IT Infrastructure,  
We provide advice for you to keep your independence and freedom of choice,  
We implement **real** improvements with new technologies out of the hype cycle.

## Our typical services include:

- providing knowledgeable advice in our areas of expertise,  
(System and networks administration, fullstack web development, data storage, security...)
- prioritizing tasks to guarantee that any emergency will be handled first,
- performing usual system and software maintenance tasks / updates / upgrades
- writing technical documentation,
- conducting tests and studies of feasibility,
- driving teams to build new projects,
- performing additional tasks in a defined perimeter,  
(to be specified: this may include the installation and configuration of additional services and software, writing web applications, debugging, task automation and industrialization of processes...)

*"Reality is that which, when you stop believing in it, doesn't go away."*

*—Philip K. Dick, I Hope I Shall Arrive Soon*

*For day to day management of your services or the implementation of large scale changes, you may rely on us: we are dedicated to provide helpful information and make it intelligible for you to decide. We'll be here to help whenever you need.*



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#### *WHO AM I*

My name is Fabrice Philibert-Caillat and I am 46 years old. I live in the south of France. For the last 19 years, I have provided services to ISPs, IT Services companies, startups, conventional industries, architecture and design bureaux, animation studios, NGOs, and others, as a system/network engineer, full stack web developer, project manager and consultant. I have established long-term professional relationships with many of my customers, helping them to work and grow with Information technologies.

#### *WHAT I DO*

I deploy carefully selected solutions for sustainable operation with the utmost efficiency.

I can help you to cut the cost of your software licenses, hardware acquisitions and business processes (I only charge services).

My solutions are designed to become a new asset in your existing environment: they will integrate seamlessly with old proven habits.

#### *HOW*

I listen to the sound of Reason:

*First, observe and analyze*

*Second, learn and propose*

*Third, build and enhance*

I pursue efficiency above all else.

#### *WHERE*

My customers are located in different countries (Canada, France, Spain, United States of America, Tunisia...), whereas their systems are stored in many datacenters across the world. Maybe you won't meet me in person, but I'll manage to be as close to you as your next coworker.

#### *WHEN*

Please, contact me to check my current availability: I will answer to all enquiries within the next 48 hours.

*Fabrice Philibert-Caillat*

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# AREAS OF EXPERTISE

## DEVELOPMENT

Architecture & development of N-Tier applications in Open source environments (Full stack): HTML, XML (RSS/RDF, DocBook, XML-RPC), CSS (Bootstrap), Elasticsearch, JSON, Javascript (jQuery, vis.js), AJAX, all versions of PHP (CodeIgniter, Yii Frameworks), Python 3. RDBMs: MySQL / PostgreSQL / ODBC (Ms Access/ SQL Server), Bash, Ksh, C, GTK, TCL/TK, Perl, LaTeX... CMS, CRM, Data mining, Documents management systems, Data conversion, Full text search, GIS, Graphs, Marketing messaging, Machine Learning , Natural Language/ Text Processing (NLTK, Stanford NLP), RESTful APIs, Technical Data management systems, Dashboards, Key Performance Metrics, System administration and supervision.... MVC, Merise, Extreme Programming (agile), OOP, PEAR Coding Standards, FMECA...

## NETWORKING

TCP/IP (Routing, NAT, DNAT, SNAT, IEEE 802.1d ; 803.2ad; Hardware: Cisco, HP, Netgear...); DHCP, DNS (Bind, Unbound...), Email (courier IMAP, Postfix and other MTAs), Firewalling (Shorewall, iptables, pf/pfSense), Active Directory / SAMBA 4, NFS, LDAP... Penetration testing, Securing and strengthening Web servers (SSH/SSL, chrooting, IDS, sFTP, rootkit detection, xinetd, PHP: CSRF, XSS, SQL Injections...); Monitoring and supervision; Data transmission (torrent, rsync, tar, Syncthing, zfs send...); Load balancing (Arrowpoint, RR...)

## SYSTEMS

Heterogeneous environments (Unix / FreeBSD / Linux / Ms Windows) ; Data backups & storage (NAS: NetApp, EMC Celerra, FreeNAS; volumes management, CIFS, NFS, ZFS...); HA clustering, Task automation, Industrialization of Processes (events), Web hosting/services, Virtualization... Shell, SSH, LVS, Berkeley DB, MySQL replication, Elasticsearch, Lucene; Apache / Nginx / lighttpd ; SNI/SSL (Web certificates)....

AND OTHERS....

Feel free to ask...

## Typical Terms of service

- usual system and software maintenance tasks / updates / upgrades are conducted regularly without asking; whenever an update is impossible to perform properly, customer is advised as soon as the problem is acknowledged,
- emergencies are taken in charge within a defined timeframe (default is next working day),
- any intervention that would cause an interruption of service is submitted to customer's approval first,
- system/network graphs and email reports are set up and addressed to customer on a regular basis,
- any new installation/configuration is documented and a PDF document containing the relevant procedure is sent by email to customer,
- a Journal of significant changes is kept and can be accessed by customer whenever he/she wants.

### **An answer to any enquiry is provided within 48 hours\***

*(\*) on working days: if the answer requires additional time, work starts within this timeframe.*

## Rates

*We provide a sliding scale of charges based on commitment:*

1 day (up to 8 hours): **590 EUR**

2 days (up to 16 hours): **580 EUR/day**

3 days (up to 24 hours): **570 EUR/day**

4 days (up to 32 hours): **560 EUR/day**

5 days (up to 40 hours): **550 EUR/day**

6 days (up to 48 hours): **540 EUR/day**

7 days (up to 56 hours): **530 EUR/day**

*...down to **480 EUR/day** for 12 days (up to 96 hours)*

*These days must be booked over a period of time that does not exceed their number in months: they are non refundable and will be billed monthly whether they are spent or not.*

*Any additional day (after the first) charged within the same month induces a 20 EUR discount per day off the normal rate for the month:*

2 days/month: **-20 EUR/day**

3 days/month: **-40 EUR/day**

4 days/month: **-60 EUR/day**

*...down to **-120 EUR/day** if 7 days or more are charged within the same month*

*Additional days are available according to our schedule.*

*Prior customer agreement is always required before any additional time is spent.*



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