Getting into business and consultancy

BCS Coventry Branch, 16th March 2022

What might you be letting yourself in for if you choose to work this way?

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Introduction

This talk is intended to share non-technical experiences from starting and running an I.T. consulting business.

The intention is to help other people, especially in these uncertain times. I hope it’s useful.

My business was leading systems and infrastructure projects, many of them involving VMS based disaster-tolerant systems. It’s been technically complex and demanding work with a high level of responsibility. I prefer to describe myself as a “consulting engineer”, not a “consultant”.
What is “consulting”?

- Problem solving in one form or another is at the heart of what most people in business actually do.

- Consultants usually get asked in when things are complicated and difficult. It’s not the easy stuff!

- Improving our ability to help other people solve problems in a way that works for them will usually bring better business.

- Better business is much better than more business!
Problem solving

- I.T. has very little physical reality, it’s largely conceptual
- Collaboration and communication is essential
- Information gathering
- Reverse engineering – structure and function
- Constraints – the possible and the impossible
- Communication and explanation – mentoring
- Implementation and support
- Documentation

See the book “The Mythical Man-month”, by Brooks
Structure your thinking

• Your brain is your primary tool - keep it in good shape

• Work with other people, never work alone

• Have a process that you can follow, consistently

• Record your decisions, especially ideas you rejected

• Most decisions require good judgement

• Usually you have to make assumptions to get started
Key points

- Build your knowledge base
- Increase your depth of understanding
- Gain insights into your fields of expertise
- Improve how you communicate your ideas
- Know people you can discuss things with and can trust to help you when needed – and do the same for them
Some hard questions!

• What motivates you to start your own business?
• What do you do that is unique to you?
• Why should anyone hire you to help them?
• How do people know that you exist?
• How could you survive for 18 months with no work?
• What is your exit strategy and succession plan?
The brutal reality

- Don’t expect to be in paid work all the time

- Be well prepared - use slack time to work hard on stuff that you don’t like doing

- Recognise that pre-sales activity is essential - and don’t expect it all to pay off

- Realise what’s happening to you mentally - you will experience highs and lows, often in the same call!
Business is personal

• You are what your customers think you are, not what you might think you are

• Become more aware of “soft skills” in order to “fit in”: clothes, language, behaviour, car, etc.

• Treat clients as friends and colleagues - keep in touch, even if there’s no immediate work

• You’re only as good as the last time someone thinks you didn’t do a good job, for whatever reason
Behave like a business

• You are operating as a commercial business - so behave like one (collaborate, establish a diverse customer base, contribute to many different professional communities, etc.).

• Understand the psychological contract you’ve entered into with a client and reflect it in the statement of work with clear boundaries and responsibilities

• You can always say “No”, nicely

• Build in “recovery time” for yourself
Meeting your obligations

- There is a lot of stuff that has to be done - expenses, invoicing, VAT, PAYE, contracts, insurances, annual returns, ‘maintenance of equipment’, etc.

- There are also legal and regulatory responsibilities which you have to meet – many of which have fixed timescales and penalties

- Offload what you can’t do or don’t want to do, but it’s still your responsibility
Keeping your head above water

• Understand the field you work in and what’s expected of you by your customers

• Keep learning, evolving and adapting

• Strive for excellence. Be the “trusted advisor”.

• How do you find time for everything?

• Where can you go for help?
Your trusted advisors

• Have people you know and trust acting for you:

  o Legal advisor (NDAs, contracts, disputes, late payment etc.)
  o Accountant (agent dealing with HMRC for PAYE, VAT, personal tax, corporation tax, etc.)
  o Insurance broker (PI cover, general business cover, employers liability, public liability, travel insurance etc.)
  o Financial advisor (pension, critical illness, income protection, investments, etc.)
  o Technology advisor (IT support, telephony, web site, etc.)
  o Trade associations and professional bodies (IPSE, BCS etc.)
  o Sales assistance (finding projects and closing business)
Use technology sensibly

• If it doesn’t make your life easier, don’t do it!

• What you have and how adept you are at using it is part of your professional appearance

• Your ability to deliver depends on your equipment being fully functional when you need it

• Your data and your systems are your responsibility. You have no-one else to blame. Be prepared.
Interoperability

- Your ability to operate as if you’re part of your client’s organisation is essential

- Data interchange and compatibility in whatever form the clients needs or provides is essential

- Think about security and confidentiality. Never make assumptions - ask first. Be especially careful with e-mail.

- Encrypt and secure your data and e-mail appropriately
Purchasing “stuff”

- Systems and equipment have a finite operational life. Plan accordingly.


- Invest wisely in your own technology infrastructure. Make the effort to understand it.

- Treat business money and personal money entirely differently
Minimise risk and hassle

• Hassle can damage an independent professional far more than it may hurt a bigger business

• Things will go wrong. It will never be convenient. Be adaptable. Murphy was an optimist!

• Know how to set your systems up. Know how to back them up and how to restore them.

• Stay reasonably current with hardware and software, even for ‘simple stuff’ such as cellphones
Expanding your business

• Are you prepared to risk your personal reputation to help others find work?
• How will you explain it so that clients trust all of you?
• How can you find work for other people while you’re also doing work yourself?
• How can you fund and manage that expansion?
• Are you the best person to lead it?
Administration and structure

• A bigger business will need to have all sorts of things in place, such as: policies on equality & diversity, environmental impact, health & safety, quality; insurances; project plans and management tools; etc. etc. etc.

• Don’t underestimate the administrative workload of a bigger business

• You’ll need to be a lot more organised and structured to ensure that nothing gets missed
Reputation, ethics and values

• By involving other people in your business, you’re trusting them with your reputation – and vice versa

• Having made the decision to involve others then you have to live with the consequences when they make decisions on your behalf

• The ethics and values of the people you choose have to match your own, then you have a sound basis for trusting each other
Leadership

- Your colleagues will often have better ideas and insights than you will, so be prepared to let go.

- You will have to learn new skills, especially around making business decisions.

- There is no room for passengers – everyone has to be committed to the cause and actively contribute.

- When it goes wrong – it’s still all yours. When it goes well, you have to share out the credit.
Keeping the pipeline flowing

• You now have to be a lot more structured about planning ahead and finding good quality work

• How will you fund the time and effort involved to identify potential customers, find opportunities, qualify them and bring some of those to fruition?

• What kind of work is appropriate for the set of skills and people you have?

• What kind of customers do you want?
# The 3 x 2 matrix

<table>
<thead>
<tr>
<th>What’s involved?</th>
<th>In crisis</th>
<th>Aware of need</th>
<th>Planning ahead</th>
</tr>
</thead>
<tbody>
<tr>
<td>Understands value</td>
<td>Probably taken by surprise</td>
<td>Prepared to discuss approach</td>
<td>Understand value of early involvement</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>How much?</th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Cost driven</td>
<td>Likely to be conflict</td>
<td>Less likely to understand issues</td>
<td>Probably “just looking”</td>
</tr>
</tbody>
</table>

*Can you help them?*
Clarity of purpose

- Initial discussions
- Proposal and negotiation
- Statement of Work
- Terms and Conditions
- Costs

- Fixed price project based work
- Limit risk for both sides, eg: proceed in defined stages
- Commitment from both sides is essential
Delivering the goods

• Clearly establish the contractual boundaries for the work you undertake

• Clearly identify the criteria for successful completion and payment milestones along the way. Get paid on time!

• Pay your subcontractors on time. Cash flow is a lot more important as your business grows.

• All you need is a reasonable number of good customers
Duty of care

• Understand your “duty of care”, then you have a good basis for making decisions

• Teach as you go, passing on knowledge and experience, but letting them do things their way, not yours

• Don’t become a single point of failure

• Think about succession planning and how to quit without inconveniencing any of your customers or colleagues

See the book “The Trusted Advisor”, by Maister
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Enjoy it and have some fun along the way

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