RE-IMAGINING THE MAINFRAME

A New Paradigm for Application Development
on the Mainframe

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LEADERSHIP TEAM

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We live in a digital economy
We are creating huge amounts of data

80% of this data is processed on mainframes

100%
Top 10 Global Insurer's

92%
Top 100 Global Banks

60%
Top 10 Global Retailers

92%
Top 25 Global Airlines

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Mainframes are
secure, reliable & scalable but not <u>agile</u>

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Applications are the face of your business

Only truly agile businesses are equipped to respond.

Our Solution

MainSpace®

## The Mainframe Workplace

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How It Works

PRIVATE ON-PREMISE SOLUTION

PUBLIC CLOUD
DEPLOYMENT

www.mainframecloud.com

Secure One Direction Deployment
(Tamper Proof Code)

PC Java Application

USER

TCP / IP Communication Protocol

MfC AGENT

DB2
SDSF
SYSLOG
TSO Commands
Console Commands

MAINFRAME

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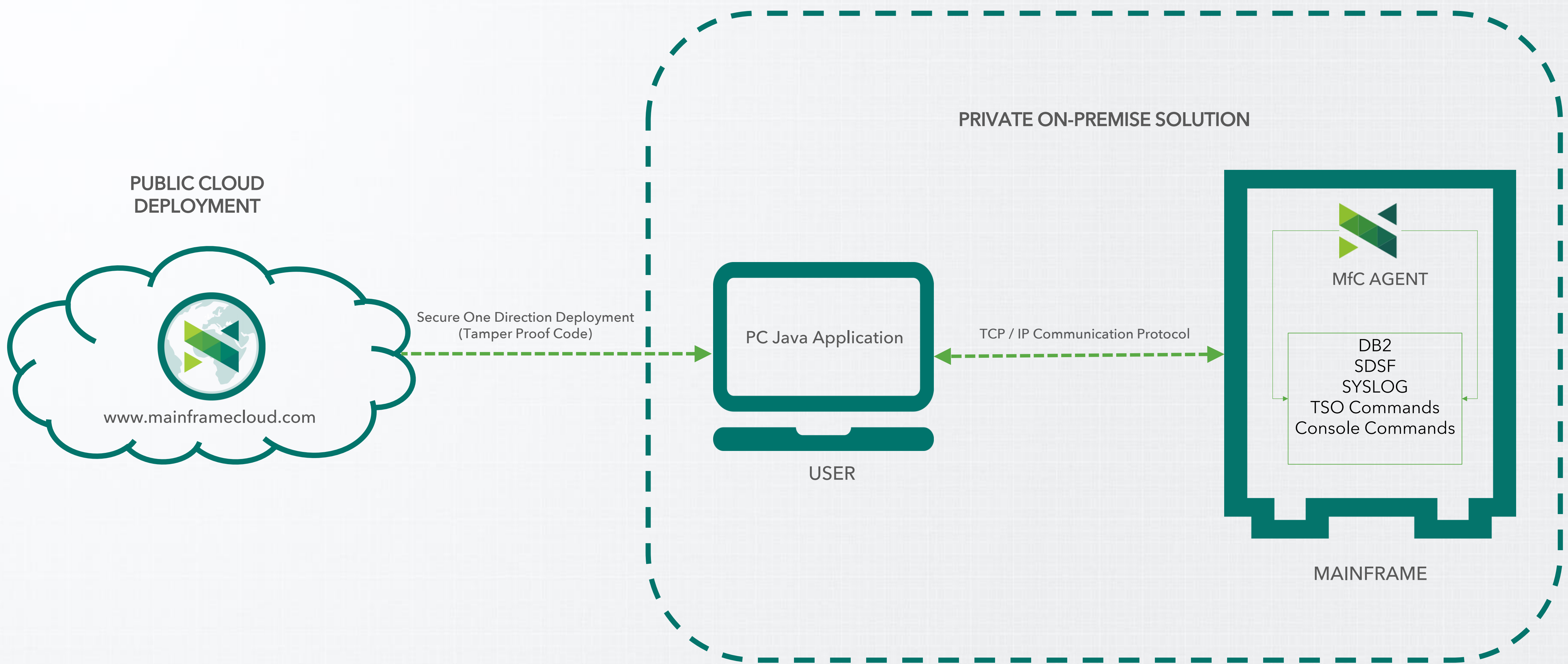
Value Proposition

Develop applications without needing to know anything about the mainframe

Write applications in web code

Harness the power & creativity of millennial developers

Allow developers to focus on business/application logic rather than mainframe code

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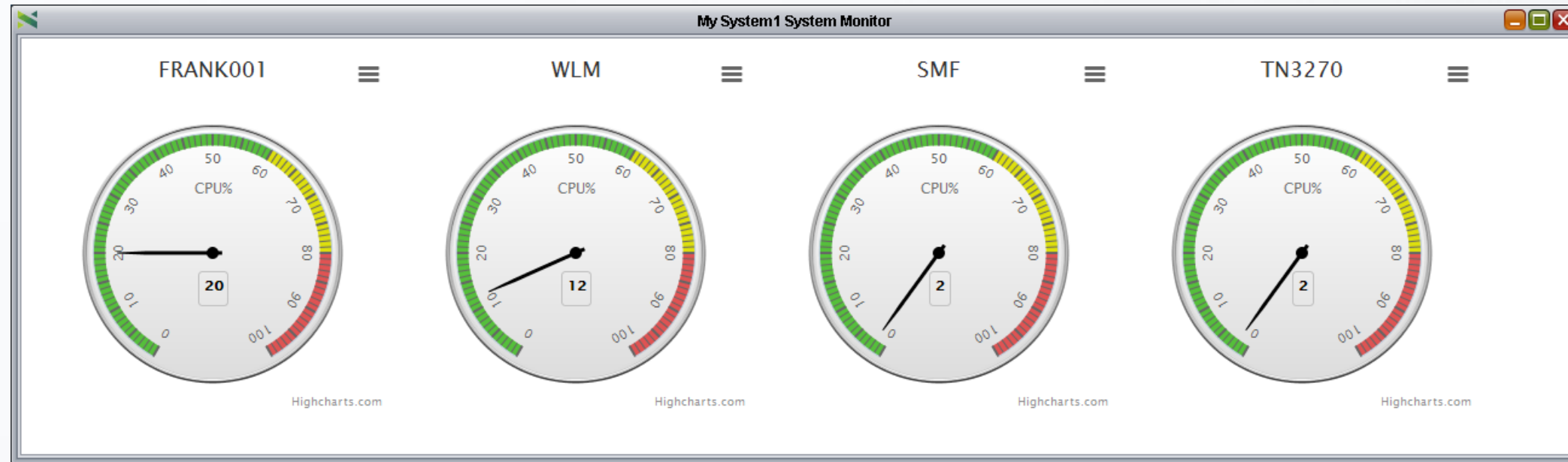innovative mainframe solutions

Ex1: System Performance Metrics
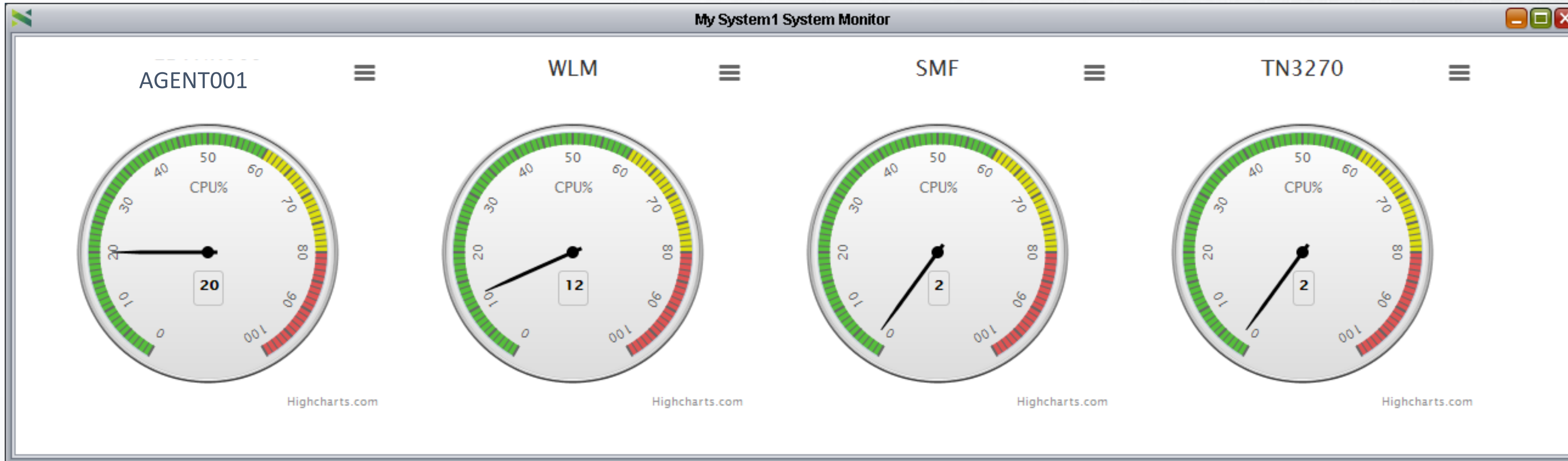
Top 4 mainframe CPU% usage areas
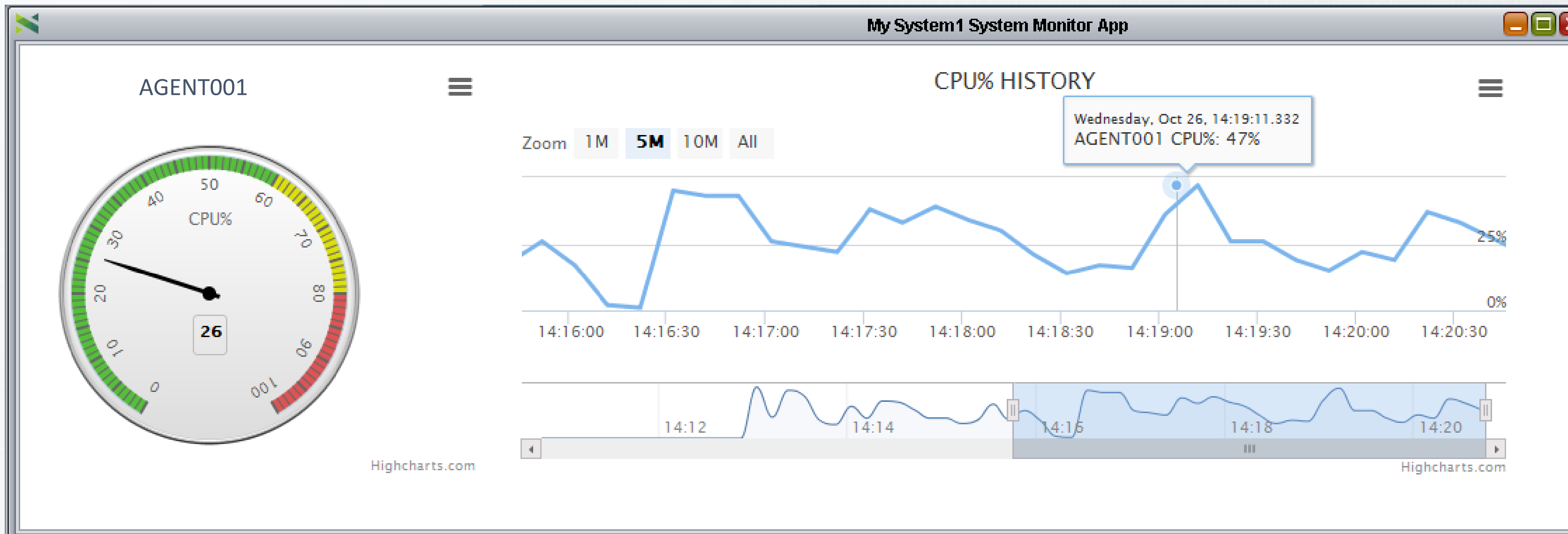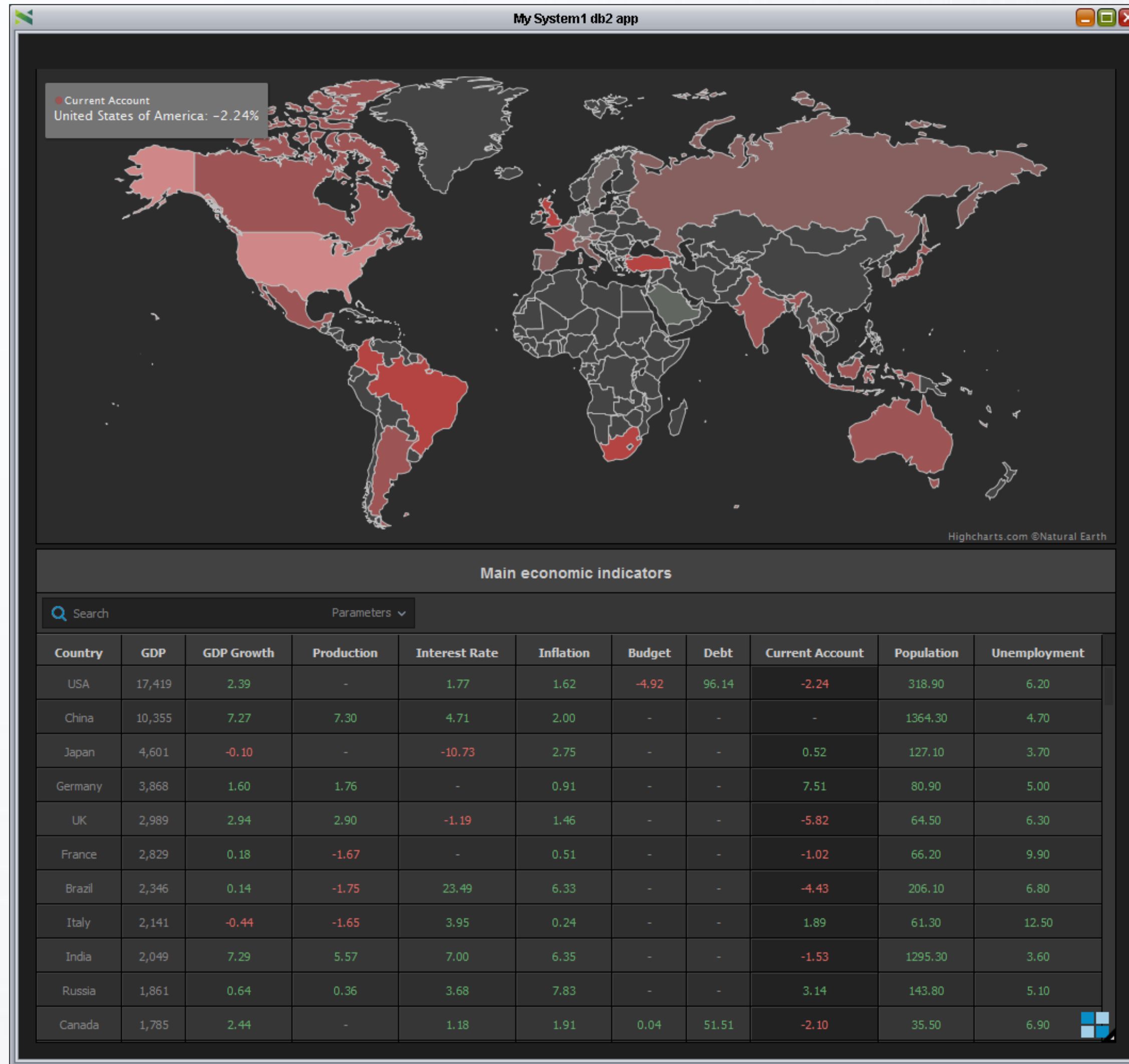
CPU% usage for AGENT001 represented as a historical time series chart.

Ex2: System Performance Metrics


```html
<!DOCTYPE HTML>
<html>
    <head><meta http-equiv="Content-Type" content="text/html; charset=utf-8"></head>
    <body>
        <!-- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -->
        <!-- MFC API.                                                           -->
        <!-- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -->
        <script src="common/mfc/js/apipoc.js"></script>
        <!-- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -->
        <!-- HIGHCHART LIBRARIES.                                               -->
        <!-- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -->
        <script src="common/highcharts/js/highcharts.js"></script>
        <script src="common/highcharts/js/highcharts-more.js"></script>
        <script src="common/highcharts/js/modules/exporting.js"></script>
        <script src="common/gauge-speedometer.js"></script>
        <!-- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -->
        <!-- WEB PAGE BEGIN - CUSTOMER APP CODE.                                -->
        <!-- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -->
        <div id="container" style="min-width: 310px; max-width: 400px; height: 300px; margin: 0 auto"></div>
        <div style="text-align:center;"><INPUT type=button value='REFRESH' onclick='buildDataChart();'></div>
        <script type="text/javascript">
            // Global variables.
            var a_chartdata = [];
            // Functions.
            function callBack() {

                CUSTOMER JS code to process JSON request data.


                // Build / Update chart.
                buildChart( "container", f_title, f_metric, f_suffix, f_data );
            }
            function buildDataChart() {
                MfcCall( mfcapi_sdsf_da_prefix, "a_chartdata", "callBack" );
            }

        </script>
    </body>
</html>
```

Ex3: Database Queries

Visualise mainframe data in a variety of different ways.

Summary

- East to install (SaaS)
- Very light architecture
- Direct connection to the mainframe
- Interrogate and visualise data on the mainframe where it is generated – negate the need for extensive IT plumbing
- Develop new applications quickly
- Harness the power of your Gen Y developers
- Bring in data from other platforms as required.

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